













# TECHNICIAN TRAINING FOR THE CONSERVATION OF MOSAICS

PART 1 THE CONSERVATION OF IN SITU MOSAICS

# Intervention planning and documentation

Livia Alberti, Ermanno Carbonara, Thomas Roby



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# Planning and Data Form 4

Data Form 4 – Intervention planning involves estimating the time and personnel necessary to carry out interventions on mosaics.

PLANNING PHASE

	MOSAIC ID / / /	
This form must be completed with the site manager.		
TIME REQUIRED FOR ORGANIZATION AND COMPLETION OF TH	HE WORK	
Vegetation removal Notes:	work days for 1 techni	ciar
Cleaning Notes:	work days for 1 techni	ciar
Removal of modern repair mortars <i>Notes:</i>	work days for 1 techni	ciar
Resetting tesserae	work days for 1 techni	ciar
□ Filling interstices between tesserae Notes:	work days for 1 techni	ciar
Grouting voids between preparatory layers <i>Notes:</i>	work days for 1 techni	ciar
Infilling lacunae and edging repairs Notes:	work days for 1 techni	ciar
Removal and resetting tesserae with facing Notes:	work days for 1 techni	ciar
Removal or treatment of support metal reinforcements	s work days for 1 techni	ciar
Drainage Notes:	work days for 1 techni	ciar
Reburial <i>Notes:</i>	work days for 1 techni	ciar
Documentation <i>Notes:</i>	work days for 1 techni	ciar
Material preparation Notes:	work days for 1 techni	ciar
Other Notes:	work days for 1 techni	ciar
TOTAL WORK DAYS FOR 1 TEC	CHNICIAN:	
Number of days / weeks / months: for n	number of technicians:	

□ Intervention by a specialist needed on or around the mosaic Notes:

# Planning and Data Form 4

	MOSAIC ID	/	/	/	
TIME REQUIRED FOR ORGANIZATION AND COMPLETION OF TH	IE WORK				
Vegetation removal     Notes:					
Cleaning Notes :					
Removal of modern repair mortars Notes:					
Resetting tesserae					
Filling interstices between tesserae Notes:					
Grouting voids between preparatory layers <i>Notes:</i>					
Infilling lacunae and edging repairs Notes:					
Removal and resetting tesserae with facing Notes:					
Removal or treatment of support metal reinforcement Notes:					
Drainage Notes:					
Reburial Notes:					
Documentation <i>Notes:</i>					
Material preparation <i>Notes:</i>					
Other Notes:					
TOTAL WORK DAYS FOR 1 TE	CHNICIAN:				

Number of days / weeks / months: \_\_\_\_\_\_ for num

Intervention by a specialist needed on or around the mosaic Notes:

PLANNING PH

# This form must be completed with the site manager. TIME REQUIRED FOR ORGANIZATION AND COMPLETION OF THE WORK

Number of days / weeks / months: \_\_\_\_\_\_ for number of technicians: \_\_\_\_\_

Intervention by a specialist needed on or around the mosaic Notes:

# Planning and Data Form 4

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PLANNING PHASE

### This form must be completed with the site manager.

TIME REQUIRED FOR ORGANIZATION AND COMPLETION	N OF THE WORK
Vegetation removal Notes:	<u>3</u> work days for 1 technician
Cleaning Notes :	work days for 1 technician
Removal of modern repair mortars Notes:	
Resetting tesserae Notes:	
Filling interstices between tesserae Notes:	
Grouting voids between preparatory layers <i>Notes:</i>	
Infilling lacunae and edging repairs Notes:	
Removal and resetting tesserae with facing Notes:	
Removal or treatment of support metal reinforce Notes:	
Drainage Notes:	
Reburial Notes:	
Documentation Notes:	
Material preparation	
Other Notes:	
TOTAL WORK DAYS FO	DR 1 TECHNICIAN:

□ Intervention by a specialist needed on or around the mosaic

Notes:

Q Vegetation removal	
Cleaning Notes: with water over entire surface	4 work days for 1 technician
Removal of modern repair mortars Notes:	work days for 1 technician
Resetting tesserae <i>Notes:</i>	
Filling interstices between tesserae Notes:	
Grouting voids between preparatory layers <i>Notes:</i>	
Infilling lacunae and edging repairs Notes:	
Removal and resetting tesserae with facing Notes:	
Removal or treatment of support metal reinforcements Notes:	
Drainage Notes:	
Reburial Notes:	
Documentation	
Material preparation	
Other Notes:	
TOTAL WORK DAYS FOR 1 TECHNICIAN:	

TIME REQUIRED FOR ORGANIZATION AND COMPLETION OF THE	EWORK			
Uegetation removal Nates:				
□ Cleaning Notes : With water over entire surface	-	work d	days for	1 techniciai
Removal of modern repair mortars <i>Notes:</i>	_4	2_ work a	days for	1 techniciar
Resetting tesserae Notes:	_	work d	days for	1 techniciar
Filling interstices between tesserae Notes:				
Grouting voids between preparatory layers <i>Notes:</i>				
Infilling lacunae and edging repairs <i>Notes:</i>				
Removal and resetting tesserae with facing <i>Notes</i> :				
Removal or treatment of support metal reinforcements Notes:				
Drainage Notes:				
Reburial <i>Notes:</i>				
Documentation <i>Notes:</i>				
□ Material preparation Notes:				
Other Notes:				
TOTAL WORK DAYS FOR 1 TEC				

Intervention by a specialist needed on or around the mosaic Notes:

IME REQUIRED FOR ORGANIZATION AND COMPLETION OF THE V	VORK
Vegetation removal <i>Notes:</i>	
Cleaning Notes: With water over entire surface	
Removal of modern repair mortars	
Resetting tesserae Notes:	<u>3</u> work days for 1 technician
Filling interstices between tesserae Notes:	work days for 1 techniciar
Grouting voids between preparatory layers <i>Notes:</i>	
Infilling lacunae and edging repairs <i>Notes:</i>	
Removal and resetting tesserae with facing <i>Notes</i> :	
Removal or treatment of support metal reinforcements <i>Notes:</i>	
Drainage Notes:	
Reburial Notes:	
Documentation Notes:	
Material preparation <i>Notes:</i>	
Other Notes:	
TOTAL WORK DAYS FOR 1 TECH	NICIAN:

Intervention by a specialist needed on or around the mosaic Notes:

TIME REQUIRED FOR ORGANIZATION AND COMPLETION OF THE V	VORK			
Uegetation removal Notes:				
Cleaning Notes: With water over entire surface				
Removal of modern repair mortars				
Resetting tesserae				
Filling interstices between tesserae <i>Notes:</i>	2	work o	days for 1	l technician
Grouting voids between preparatory layers <i>Notes:</i>		work o	days for 1	l technician
Infilling lacunae and edging repairs <i>Notes:</i>				
Removal and resetting tesserae with facing <i>Notes</i> :				
Removal or treatment of support metal reinforcements Notes:				
Drainage Notes:				
Reburial				
Documentation <i>Notes:</i>				
Material preparation <i>Notes:</i>				
Other Notes:				
TOTAL WORK DAYS FOR 1 TECHN	IICIAN:			

Intervention by a specialist needed on or around the mosaic Notes:

TIME REQUIRED FOR ORGANIZATION AND COMPLETION OF T	HE WORK			
Vegetation removal Notes:				
Cleaning Notes : With water over entire surface				
Removal of modern repair mortars <i>Notes:</i>				
Resetting tesserae <i>Notes:</i>				
Filling interstices between tesserae	-	work o	lays for 1	l techniciar
Grouting voids between preparatory layers <i>Notes:</i>	-	<u>1</u> work o	lays for '	l techniciar
Infilling lacunae and edging repairs <i>Notes:</i>	-	work o	lays for 1	l techniciar
Removal and resetting tesserae with facing <i>Notes :</i>				
Removal or treatment of support metal reinforcement <i>Notes:</i>				
Drainage Notes:				
Reburial Notes:				
Notes:				
Notes: Documentation Notes: Material preparation				

Intervention by a specialist needed on or around the mosaic Notes:

# Planning and Data Form 4

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TIME REQUIRED FOR ORGANIZATION AND COMPLETION OF T	HEWORK			
Vegetation removal Notes:				
Cleaning Notes: With water over entire surface				
Removal of modern repair mortars				
Resetting tesserae <i>Notes:</i>				
Filling interstices between tesserae				
Grouting voids between preparatory layers	_	_ work d	days for 1	l techniciar
<ul> <li>Infilling lacunae and edging repairs</li> <li>Notes: Only lacunae infilling</li> </ul>	_4	work d	days for 1	I technician
Removal and resetting tesserae with facing Notes :	_	_ work a	days for 1	l techniciar
Removal or treatment of support metal reinforcement Notes:				
Drainage Notes:				
Notes:				
Notes:				
Notes: Documentation Notes: Material preparation				

Intervention by a specialist needed on or around the mosaic Notes:

IME REQUIRED FOR ORGANIZATION AND COMPLETION OF THI	EWORK
Vegetation removal Notes:	
Cleaning Notes: With water over entire surface	
Removal of modern repair mortars Notes:	
Resetting tesserae Notes:	
Filling interstices between tesserae Notes:	
Grouting voids between preparatory layers Notes:	
Infilling lacunae and edging repairs	
Removal and resetting tesserae with facing Notes : Removal or treatment of support metal reinforcements	
Notes :	work days for 1 technician work days for 1 technician work days for 1 technician
Notes : Removal or treatment of support metal reinforcements Notes: Drainage	work days for 1 technician
Notes : Removal or treatment of support metal reinforcements Notes: Drainage Notes: Reburial	work days for 1 technician
Notes : Removal or treatment of support metal reinforcements Notes: Drainage Notes: Reburial Notes: Documentation	work days for 1 technician work days for 1 technician work days for 1 technician
Notes : Removal or treatment of support metal reinforcements Notes: Drainage Notes: Reburial Notes: Documentation Notes: Material preparation	work days for 1 technician          work days for 1 technician         work days for 1 technician         work days for 1 technician
Notes :         Removal or treatment of support metal reinforcements         Notes:         Drainage         Notes:         Reburial         Notes:         Documentation         Notes:         Material preparation         Notes:         Other	<ul> <li>work days for 1 technician</li> </ul>

Intervention by a specialist needed on or around the mosaic Notes:

IME REQUIRED FOR ORGANIZATION AND COMPLETION OF TH	E WORK
Vegetation removal Notes:	
Cleaning Notes: With water over entire surface	
Removal of modern repair mortars <i>Notes:</i>	
Resetting tesserae Notes:	
Filling interstices between tesserae <i>Notes:</i>	
Grouting voids between preparatory layers <i>Notes:</i>	
Infilling lacunae and edging repairs <i>Notes:</i>	
Removal and resetting tesserae with facing <i>Notes</i> :	work days for 1 technic
Removal or treatment of support metal reinforcements Notes:	work days for 1 technic
Drainage Notes:	work days for 1 technic
Reburial Notes:	
Documentation Notes:	
Material preparation	
Other Notes:	

□ Intervention by a specialist needed on or around the mosaic Notes:

IME REQUIRED FOR ORGANIZATION AND COMPLETION OF THE	WORK
Vegetation removal Notes:	
Cleaning Notes : With water over entire surface	
Removal of modern repair mortars Notes:	
Resetting tesserae Notes:	
Filling interstices between tesserae Notes:	
Grouting voids between preparatory layers Notes:	
Infilling lacunae and edging repairs Notes:	
Removal and resetting tesserae with facing <i>Notes :</i>	
Removal or treatment of support metal reinforcements <i>Notes</i> :	work days for 1 technician
Drainage <sup>Notes:</sup> channel through the east wall	2_ work days for 1 technician
Reburial Notes:	work days for 1 technician
Documentation Notes:	
Material preparation <i>Notes:</i>	
Other Notes:	
TOTAL WORK DAYS FOR 1 TECH	INICIAN:

Intervention by a specialist needed on or around the mosaic Notes:

TIME REQUIRED FOR ORGANIZATION AND COMPLETION OF THE V	VORK			
Uegetation removal Notes:				
Cleaning Notes: With water over entire surface				
Removal of modern repair mortars Notes:				
Resetting tesserae Notes:				
Filling interstices between tesserae Notes:				
Grouting voids between preparatory layers <i>Notes</i> :				
Infilling lacunae and edging repairs Notes:				
Removal and resetting tesserae with facing Notes:				
Removal or treatment of support metal reinforcements <i>Notes:</i>				
Drainage Notes:	_	work da	iys for 1	technician
Reburial	_2	_ work da	iys for 1	technician
<sup>Notes:</sup> 20 cm of sand and 10 cm of gravel over	entire surf	ace		

Material preparation     Notes:	
Other Notes:	
TOTAL WORK DAYS FO	DR 1 TECHNICIAN:
Intervention by a specialist needed on or arc	

Notes:

20

TIME REQUIRED FOR ORGANIZATION AND COMPLETION OF THE	WORK
Vegetation removal Notes:	
□ Cleaning Notes : With water over entire surface	
Removal of modern repair mortars <i>Notes:</i>	
Resetting tesserae <i>Notes:</i>	
Filling interstices between tesserae Notes:	
Grouting voids between preparatory layers <i>Notes:</i>	
Infilling lacunae and edging repairs <i>Notes:</i>	
Removal and resetting tesserae with facing Notes:	
Removal or treatment of support metal reinforcements <i>Notes:</i>	
Drainage Notes:	
Reburial	
Documentation Notes:	<u> </u>
Material preparation     Notes:	work days for 1 technician
□ Other Notes:	

Intervention by a specialist needed on or around the mosaic Notes:

TIME REQUIRED FOR ORGANIZATION AND COMPLETION OF TH	EWORK
Uegetation removal Notes:	
Cleaning Notes: With water over entire surface	
Removal of modern repair mortars	
Resetting tesserae <i>Notes:</i>	
Filling interstices between tesserae <i>Notes:</i>	
Grouting voids between preparatory layers <i>Notes:</i>	
Infilling lacunae and edging repairs <i>Notes:</i>	
Removal and resetting tesserae with facing <i>Notes</i> :	
Removal or treatment of support metal reinforcements <i>Notes:</i>	
Drainage Notes:	
Reburial	
Documentation <i>Notes:</i>	work days for 1 technician
Material preparation <i>Notes:</i>	2 work days for 1 technician
☐ Other	work days for 1 technician

Intervention by a specialist needed on or around the mosaic Notes:

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# Planning and Data Form 4

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TIME REQUIRED FOR ORGANIZATION AND COMPLETION OF TH	EWORK
Uegetation removal Notes:	
□ Cleaning Notes: With water over entire surface	
Removal of modern repair mortars Notes:	
Resetting tesserae <i>Notes:</i>	
Filling interstices between tesserae Notes:	
Grouting voids between preparatory layers <i>Notes:</i>	
Infilling lacunae and edging repairs Notes:	
Removal and resetting tesserae with facing Notes:	
Removal or treatment of support metal reinforcements Notes:	
Drainage Notes:	
Reburial Notes:	
Documentation <i>Notes:</i>	
Aterial preparation	
Other	<u>2</u> work days for 1 techniciar
Notes: installation of a rope barrier to re	estrict access

Number of days / weeks / months: \_\_\_\_\_

\_\_\_\_ for number of technicians: \_\_\_\_

□ Intervention by a specialist needed on or around the mosaic *Notes*:

# Planning and Data Form 4

Alberti, Elsa

TIME REQUIRED FOR ORGANIZATION AND COMPLETION OF TH	IE WORK	
Uegetation removal Notes:		
Cleaning Notes : With water over entire surface		
Removal of modern repair mortars Notes:		
Resetting tesserae Notes:		
Filling interstices between tesserae Notes:		
Grouting voids between preparatory layers <i>Notes</i> :		
Infilling lacunae and edging repairs Notes:		
Removal and resetting tesserae with facing Notes:		
Removal or treatment of support metal reinforcements <i>Notes</i> :		
Drainage Notes:		
Reburial		
Documentation <i>Notes:</i>		
Material preparation Notes:		
Other		
TOTAL WORK DAYS FOR 1 TEC	CHNICIAN: 34	
Number of days / weeks / months: <u>18 days</u> for no		
Intervention by a specialist needed on or around the		

Note

TIME REQUIRED FOR ORGANIZATION AND COMPLETION OF TH	1E WORK
Uegetation removal Notes:	
□ Cleaning Notes: With water over entire surface	
Removal of modern repair mortars	
Resetting tesserae <i>Notes:</i>	
Filling interstices between tesserae Notes:	
Grouting voids between preparatory layers <i>Notes:</i>	
Infilling lacunae and edging repairs Notes:	
Removal and resetting tesserae with facing <i>Notes :</i>	
Removal or treatment of support metal reinforcement: Notes:	
Drainage Notes:	
Reburial	
Documentation <i>Notes:</i>	
Aterial preparation	

# Planning and Data Form 4

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Intervention by a specialist needed on or around the mosaic Notes:

> consultation with an architect needed to design and construct a raised walkway, to avoid visitors walking on the mosaic.

TIME REQUIRED FOR ORGANIZATION AND COMPLETION OF THE	WORK	
Vegetation removal Notes:		
Cleaning Notes : With water over entire surface		
Removal of modern repair mortars		
Resetting tesserae <i>Notes:</i>		
Filling interstices between tesserae <i>Notes:</i>		
Grouting voids between preparatory layers <i>Notes:</i>		
Infilling lacunae and edging repairs Notes:		
Removal and resetting tesserae with facing <i>Notes :</i>		
Removal or treatment of support metal reinforcements <i>Notes:</i>		
Drainage Notes:		
Reburial		
Documentation <i>Notes:</i>		
Aterial preparation		
Other Notes:		
TOTAL WORK DAYS FOR 1 TEC	HNICIAN:	

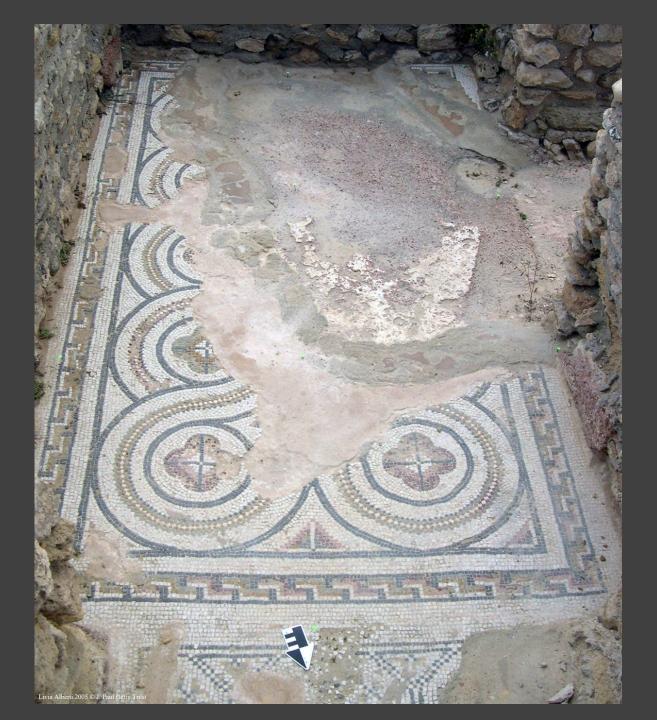
Intervention by a specialist needed on or around the mosaic Notes:

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# CASE STUDY

# Hergla, Tunisia

House "of the two peristyles" ID: HE/H2P/25



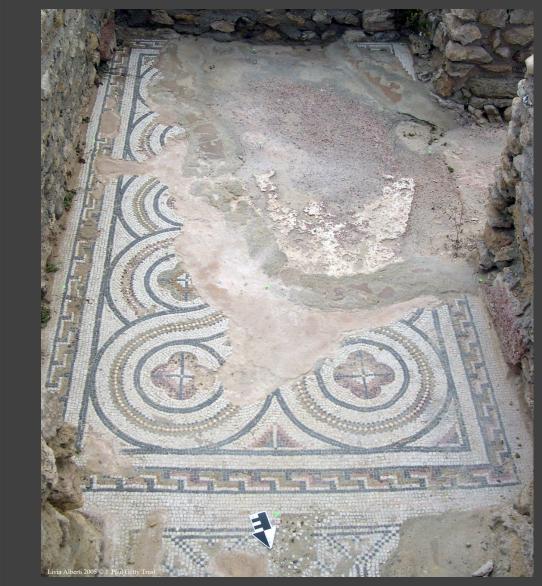
# DATA FORM NO.4 - INTERVENTION PLANNING PLANNING PLANNING PHASE MOSAIC ID <u>HE</u> , H2P, 25 ,

This form must be completed with the site manager.

TIME REQUIRED FOR ORGANIZATION AND COMPLETION OF THE WORK	
Wegetation removal Notes:	work days for 1 technician
Cleaning Notes:	<u> </u>
Notes: without water over entire surface Removal of modern repair mortars Notes:	2 work days for 1 technician
Resetting tesserae	_3 work days for 1 technician
Filling interstices between tesserae Notes:	<u>3</u> work days for 1 technician
Grouting voids between preparatory layers	2 work days for 1 technician
Sunfilling lacunae and edging repairs Notes: infilling of small lacunae and edging	<u>4</u> work days for 1 technician
Removal and resetting tesserae with facing <i>Notes</i> :	work days for 1 technician
Removal or treatment of support metal reinforcements Notes:	work days for 1 technician
Drainage	work days for 1 technician
Reburial	work days for 1 technician
Documentation Notes:	<u> </u>
Material preparation	1 work days for 1 technician
Other Notes:	work days for 1 technician
TOTAL WORK DAYS FOR 1 TECHNICIAN:	18
Number of days / weeks / months: <u>10 days</u> for number of te	echnicians: <u>2</u>

□ Intervention by a specialist needed on or around the mosaic *Notes*:

Mohamed Said



2011, 2013 C J. Paul Getty

Elsa

Livia

# Intervention Documentation and Data Form 5

Data Form 5 – Current Interventions is used to record the operations carried out on and around the mosaic.

# DATA FORM NO. 5 - CURRENT INTERVENTIONS INTERVENTION PHASE

MOSAIC ID \_\_\_\_\_ / \_\_\_\_ / \_\_\_\_ /

INTERVENTION TYPE

□ Initial intervention □ Maintenance cycle

DATE OF PREVIOUS INTERVENTION

DATE OF PREVIOUS INSPECTION

DATE AND LENGTH OF CURRENT WORK

DATE RECOMMENDED FOR THE NEXT INSPECTION

TREATMENTS CARRIED OUT ON THE MOSAIC

Vegetation removal

Cleaning of the entire surface

Cleaning of part of the surface

Removal of modern repair mortars

Resetting tesserae

□ Filling interstices between tesserae

 $\hfill\square$  Grouting voids between preparatory layers

□ Infilling lacunae and/or edging repairs

Removal and resetting tesserae with facing

Removal of metal reinforcements in support panels

Treatment of metal reinforcements in support panels

Drainage

Pau

2013

2008,

Roby

Livia Alberti, Elsa

Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used, provide the total thickness and the thickness of each layer)

### INTERVENTIONS CARRIED OUT AROUND THE MOSAIC

Wall stabilization

Notes:

Other: \_\_\_\_\_ Notes:

NAMES OF THE TECHNICIANS WHO CARRIED OUT THE WORK

DATE

		MOSAIC ID / / /	
NTERVENTION TYPE	Initial intervention	A Maintenance cycle	
DATE OF PREVIOUS INTERVE	NTION		
DATE OF PREVIOUS INSPECT	ION		
DATE AND LENGTH OF CURF	ENT WORK		
DATE RECOMMENDED FOR T	HE NEXT INSPECTION		
	T ON THE MOSAIC		
Vegetation removal			
Cleaning of the entire			
Cleaning of part of the			
Removal of modern re			
Resetting tesserae			
Filling interstices betw			
Grouting voids betwe			
Infilling lacunae and/c			
Removal and resetting			
Removal of metal rein			
Treatment of metal re			
Drainage			

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	UT A DOLIND	THE MOCAL

Wall stabilization

Notes:

Notes:

NAMES OF THE TECHNICIANS WHO CARRIED OUT THE WORH

DATE

### DATA FORM NO. 5 - CURRENT INTERVENTIONS INTERVENTION PH

INTERVENTION TYPE	😫 Initial intervention	A Maintenance cycle		
DATE OF PREVIOUS INTERVENTION	During the1960s			
DATE OF PREVIOUS INSPECTION	Unknown			
date and length of current work $May \ 2008$ - 15 $days$				
date recommended for the next inspection $After \ 8 \ months$				

### TREATMENTS CARRIED OUT ON THE MOSAIC

Vegetation remova

Cleaning of the entire surface

Cleaning of part of the surface

Removal of modern repair mortars

Resetting tesserae

Filling interstices between tesserae

Grouting voids between preparatory layers

Infilling lacunae and/or edging repairs

Removal and resetting tesserae with facing

Removal of metal reinforcements in support panels

Treatment of metal reinforcements in support panels

Drainage

Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used, provide the total thickness and the thickness of each layer)

INTERVENTIONS CARRIED OUT AROUND THE MOSAI

Wall stabilization

Notes:

Uther: \_\_\_\_\_ Notes:

NAMES OF THE TECHNICIANS WHO CARRIED OUT THE WORK

DATE

### DATA FORM NO. 5 - CURRENT INTERVENTIONS INTERVENTION PH

INTERVENTION TYPE	lnitial intervention	Maintenance cycle		
DATE OF PREVIOUS INTERVENTION	May 2008			
DATE OF PREVIOUS INSPECTION	January 2009			
date and length of current work March 2009 - 2 days				
date recommended for the next inspection After 12 months				

### TREATMENTS CARRIED OUT ON THE MOSAIC

Vegetation remova

Cleaning of the entire surface

Cleaning of part of the surface

Removal of modern repair mortars

Resetting tesserae

Filling interstices between tesserae

Grouting voids between preparatory layers

Infilling lacunae and/or edging repairs

Removal and resetting tesserae with facing

Removal of metal reinforcements in support panels

Treatment of metal reinforcements in support panels

Drainage

Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used, provide the total thickness and the thickness of each laver)

INTERVENTIONS CARRIED OUT AROUND THE MOSAI

Wall stabilization

Notes:

Uther: \_\_\_\_\_ Notes:

NAMES OF THE TECHNICIANS WHO CARRIED OUT THE WORK

ATE

### DATA FORM NO. 5 - CURRENT INTERVENTIONS INTERVENTION PHA

/IOSAIC ID \_\_\_\_\_ / \_\_\_\_ / \_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

INTERVENTION TYPE

lnitial intervention

DATE OF PREVIOUS INTERVENTION

DATE OF PREVIOUS INSPECTION

DATE AND LENGTH OF CURRENT WORK

DATE RECOMMENDED FOR THE NEXT INSPECTION

### TREATMENTS CARRIED OUT ON THE MOSAIC

Wegetation removal

Cleaning of the entire surface

Cleaning of part of the surface

Removal of modern repair mortars

Resetting tesserae

Filling interstices between tesserae

Grouting voids between preparatory layers

□ Infilling lacunae and/or edging repairs

Removal and resetting tesserae with facing

Removal of metal reinforcements in support panels

Treatment of metal reinforcements in support panels

🖵 Drainage

Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used, provide the total thickness and the thickness of each layer)



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INTERVENTIONS CARRIED OUT AROUND THE MOSAIC

Wall stabilization Notes:

Notes:

NAMES OF THE TECHNICIANS WHO CARRIED OUT THE WORK

### DATA FORM NO. 5 - CURRENT INTERVENTIONS INTERVENTION PHA

/IOSAIC ID \_\_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

INTERVENTION TYPE

n 🖵 Mainten

DATE OF PREVIOUS INTERVENTION

DATE OF PREVIOUS INSPECTION

DATE AND LENGTH OF CURRENT WORK

DATE RECOMMENDED FOR THE NEXT INSPECTION

### TREATMENTS CARRIED OUT ON THE MOSAIC

- Uvegetation removal
- Cleaning of the entire surface
- Cleaning of part of the surface
- Removal of modern repair mortars
- Resetting tesserae
- Filling interstices between tesserae
- Grouting voids between preparatory layers
- □ Infilling lacunae and/or edging repairs
- Removal and resetting tesserae with facing
- Removal of metal reinforcements in support panels
- Treatment of metal reinforcements in support panels
- 🖵 Drainage

2013

2008.

ę

Elsa

Livia Alberti,

Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used, provide the total thickness and the thickness of each layer)



Wall stabilization Notes:

Other: \_\_\_\_\_ Notes:

NAMES OF THE TECHNICIANS WHO CARRIED OUT THE WORK

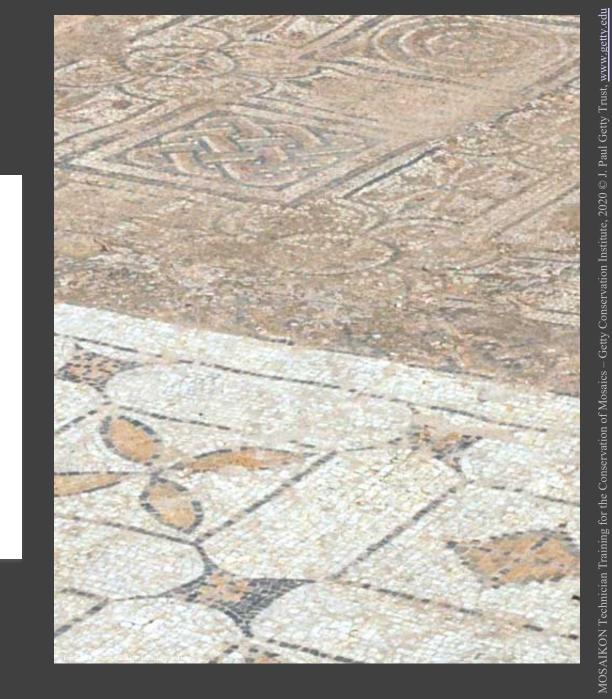
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### TREATMENTS CARRIED OUT ON THE MOSAIC

- Vegetation removal
- Cleaning of the entire surface
- Cleaning of part of the surface
- Removal of modern repair mortars
- Resetting tesserae
- Filling interstices between tesserae
- Grouting voids between preparatory layers
- □ Infilling lacunae and/or edging repairs
- □ Removal and resetting tesserae with facing
- Removal of metal reinforcements in support panels
- Treatment of metal reinforcements in support panels
- 🖵 Drainage
- Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used, provide the total thickness and the thickness of each layer)



### DATA FORM NO. 5 - CURRENT INTERVENTIONS INTERVENTION PHA

/IOSAIC ID \_\_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

INTERVENTION TYPE

DATE OF PREVIOUS INTERVENTION

DATE OF PREVIOUS INSPECTION

DATE AND LENGTH OF CURRENT WORK

DATE RECOMMENDED FOR THE NEXT INSPECTION

### TREATMENTS CARRIED OUT ON THE MOSAIC

Vegetation removal

Cleaning of the entire surface

Cleaning of part of the surface

2 Removal of modern repair mortars

Resetting tesserae

Filling interstices between tesserae

- Grouting voids between preparatory layers
- □ Infilling lacunae and/or edging repairs
- Removal and resetting tesserae with facing

Removal of metal reinforcements in support panels

Treatment of metal reinforcements in support panels

🖵 Drainage

2013

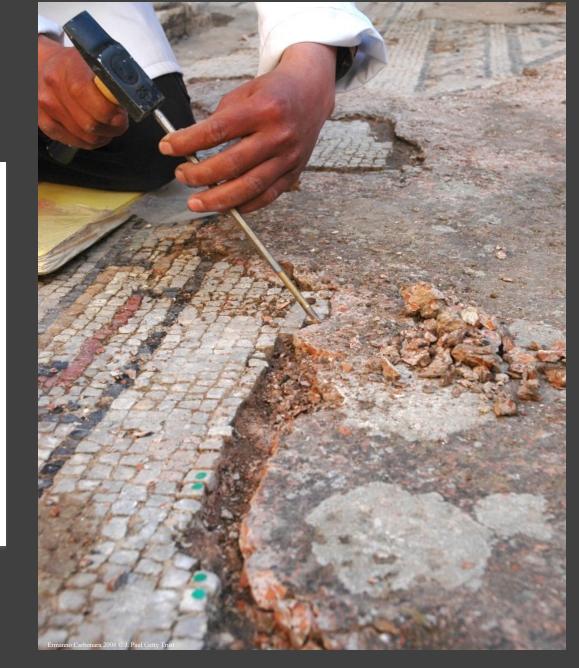
2008.

Robv

Bourguigne

Livia Alberti, Elsa

Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used, provide the total thickness and the thickness of each layer)



NTERVENTIONS CARRIED OUT AROUND THE MOSAIC

Wall stabilization Notes:

Other: \_\_\_\_\_ Notes:

NAMES OF THE TECHNICIANS WHO CARRIED OUT THE WORK

### TREATMENTS CARRIED OUT ON THE MOSAIC

- Vegetation removal
- Cleaning of the entire surface
- Cleaning of part of the surface
- Removal of modern repair mortars
- Resetting tesserae
- Filling interstices between tesserae
- Grouting voids between preparatory layers
- □ Infilling lacunae and/or edging repairs
- Removal and resetting tesserae with facing
- Removal of metal reinforcements in support panels
- Treatment of metal reinforcements in support panels
- 🖵 Drainage
- Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used, provide the total thickness and the thickness of each layer)



2008.

Rohv

Livia Alberti, Elsa

### DATA FORM NO. 5 - CURRENT INTERVENTIONS INTERVENTION PH/

MOSAIC ID \_\_\_\_\_ /\_\_\_\_ /\_\_\_\_ /\_\_\_\_

INTERVENTION TYPE

ATE OF PREVIOUS INTERVENTION

DATE OF PREVIOUS INSPECTION

DATE AND LENGTH OF CURRENT WORK

DATE RECOMMENDED FOR THE NEXT INSPECTION

### TREATMENTS CARRIED OUT ON THE MOSAIC

- Vegetation removal
- Cleaning of the entire surface
- Cleaning of part of the surface
- Removal of modern repair mortars
- Resetting tesserae
- X Filling interstices between tesserae
- Grouting voids between preparatory layers
- □ Infilling lacunae and/or edging repairs
- Removal and resetting tesserae with facing
- Removal of metal reinforcements in support panels
- Treatment of metal reinforcements in support panels
- 🖵 Drainage

2013

2008.

Roby

Bourguignon,

Livia Alberti, Elsa

Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used, provide the total thickness and the thickness of each layer)





INTERVENTIONS CARRIED OUT AROUND THE MOSAIC

Wall stabilization Notes:

Other: \_\_\_\_\_\_
Notes:

NAMES OF THE TECHNICIANS WHO CARRIED OUT THE WORK

### DATA FORM NO. 5 - CURRENT INTERVENTIONS INTERVENTION PHA

IOSAIC ID \_\_\_\_\_ /\_\_\_\_ /\_\_\_\_ /\_\_\_\_\_/

INTERVENTION TYP

Initial intervention

DATE OF PREVIOUS INTERVENTION

DATE OF PREVIOUS INSPECTION

DATE AND LENGTH OF CURRENT WORK

DATE RECOMMENDED FOR THE NEXT INSPECTION

### TREATMENTS CARRIED OUT ON THE MOSAIC

- Uvegetation removal
- Cleaning of the entire surface
- Cleaning of part of the surface
- Removal of modern repair mortars
- Resetting tesserae
- □ Filling interstices between tesserae
- Crouting voids between preparatory layers
- □ Infilling lacunae and/or edging repairs
- Removal and resetting tesserae with facing
- Removal of metal reinforcements in support panels
- Treatment of metal reinforcements in support panels
- 🖵 Drainage

Trust

2013

2008.

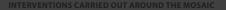
Robv

Bourguigne

Livia Alberti, Elsa

Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used, provide the total thickness and the thickness of each layer)





Wall stabilization Notes:

Other: \_\_\_\_\_ Notes:

NAMES OF THE TECHNICIANS WHO CARRIED OUT THE WORK



### TREATMENTS CARRIED OUT ON THE MOSAIC

- Vegetation removal
- Cleaning of the entire surface
- Cleaning of part of the surface
- Removal of modern repair mortars
- Resetting tesserae
- Filling interstices between tesserae
- Grouting voids between preparatory layers
- 1 Infilling lacunae and/or edging repairs
- Removal and resetting tesserae with facing
- Removal of metal reinforcements in support panels
- Treatment of metal reinforcements in support panels
- 🖵 Drainage

2008.

do

Livia Alberti, Elsa

Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used, provide the total thickness and the thickness of each layer)





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## DATA FORM NO. 5 - CURRENT INTERVENTIONS INTERVENTION PHA

/OSAIC ID \_\_\_\_\_ / \_\_\_\_ / \_\_\_\_ / \_\_\_\_\_

INTERVENTION TYPE

nitial intervention

DATE OF PREVIOUS INTERVENTION

DATE OF PREVIOUS INSPECTIO

DATE AND LENGTH OF CURRENT WORK

DATE RECOMMENDED FOR THE NEXT INSPECTION

### TREATMENTS CARRIED OUT ON THE MOSAIC

- Vegetation removal
- Cleaning of the entire surface
- Cleaning of part of the surface
- Removal of modern repair mortars
- Resetting tesserae
- □ Filling interstices between tesserae
- Grouting voids between preparatory layers
- □ Infilling lacunae and/or edging repairs
- Removal and resetting tesserae with facing
- Removal of metal reinforcements in support panels
- Treatment of metal reinforcements in support panels
- 🖵 Drainage

-BC

2013

2008.

Roby

Livia Alberti, Elsa

Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used, provide the total thickness and the thickness of each layer)





### **NTERVENTIONS CARRIED OUT AROUND THE MOSAI**

Wall stabilization Notes:

❑ Other: \_\_ Notes:

### DATA FORM NO. 5 - CURRENT INTERVENTIONS INTERVENTION PHASE

10SAIC ID \_\_\_\_\_ /\_\_\_\_ /\_\_\_\_ /\_\_\_\_\_/

INTERVENTION TYPE

DATE OF PREVIOUS INTERVENTION

DATE OF PREVIOUS INSPECTION

DATE AND LENGTH OF CURRENT WORK

DATE RECOMMENDED FOR THE NEXT INSPECTION

### TREATMENTS CARRIED OUT ON THE MOSAIC

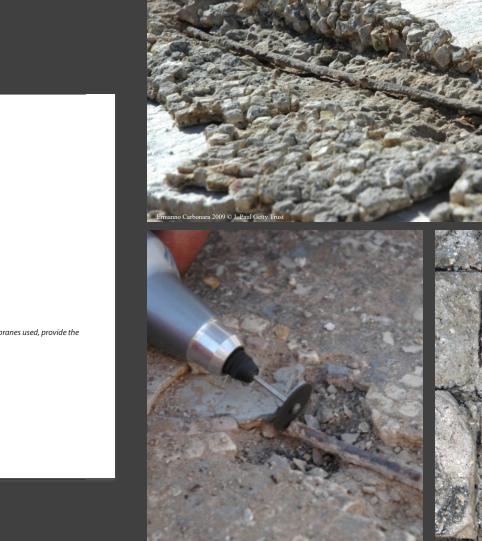
- Vegetation removal
- Cleaning of the entire surface
- Cleaning of part of the surface
- Removal of modern repair mortars
- Resetting tesserae
- □ Filling interstices between tesserae
- Grouting voids between preparatory layers
- □ Infilling lacunae and/or edging repairs
- Removal and resetting tesserae with facing
- Removal of metal reinforcements in support panels
- Treatment of metal reinforcements in support panels
- 🖵 Drainage

2013

2008

Livia Alberti, Elsa

Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used, provide the total thickness and the thickness of each layer)



ara 2009 © J. Paul Getty Tru



### **NTERVENTIONS CARRIED OUT AROUND THE MOSAL**

Wall stabilization Notes:

NAMES OF THE TECHNICIANS WHO CARRIED OUT THE WORK

PREPARED BY

### TREATMENTS CARRIED OUT ON THE MOSAIC

Vegetation removal

Cleaning of the entire surface

- Cleaning of part of the surface
- Removal of modern repair mortars
- Resetting tesserae
- Filling interstices between tesserae
- Grouting voids between preparatory layers
- □ Infilling lacunae and/or edging repairs
- □ Removal and resetting tesserae with facing
- Removal of metal reinforcements in support panels
- X Treatment of metal reinforcements in support panels
- 🖵 Drainage

20 2011.

2008.

do

Livia Alberti, Elsa

Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used, provide the total thickness and the thickness of each layer)





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### DATA FORM NO. 5 - CURRENT INTERVENTIONS INTERVENTION PHA

10SAIC ID \_\_\_\_\_ /\_\_\_\_ /\_\_\_\_ /\_\_\_\_\_/

INTERVENTION TYP

DATE OF PREVIOUS INSPECTION

DATE AND LENGTH OF CURRENT WORK

DATE RECOMMENDED FOR THE NEXT INSPECTION

### TREATMENTS CARRIED OUT ON THE MOSAIC

- Vegetation removal
- Cleaning of the entire surface
- Cleaning of part of the surface
- Removal of modern repair mortars
- Resetting tesserae
- Filling interstices between tesserae
- Grouting voids between preparatory layers
- □ Infilling lacunae and/or edging repairs
- Removal and resetting tesserae with facing
- Removal of metal reinforcements in support panels
- Treatment of metal reinforcements in support panels
- Norainage
- Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used, provide the total thickness and the thickness of each layer)





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Conservation

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NTERVENTIONS CARRIED OUT AROUND THE MOSAIC

Wall stabilization Notes:

Other: \_\_\_\_\_\_ Notes:

## DATA FORM NO. 5 - CURRENT INTERVENTIONS INTERVENTION PHA

10SAIC ID \_\_\_\_\_ / \_\_\_\_ / \_\_\_\_ / \_\_\_\_ /

**INTERVENTION TYPE** 

ervention 🛛 🗖 Main

DATE OF PREVIOUS INTERVENTION

DATE OF PREVIOUS INSPECTION

DATE AND LENGTH OF CURRENT WORK

DATE RECOMMENDED FOR THE NEXT INSPECTION

### TREATMENTS CARRIED OUT ON THE MOSAIC

Vegetation removal

Cleaning of the entire surface

Cleaning of part of the surface

Removal of modern repair mortars

Resetting tesserae

□ Filling interstices between tesserae

Grouting voids between preparatory layers

□ Infilling lacunae and/or edging repairs

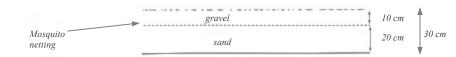
□ Removal and resetting tesserae with facing

Removal of metal reinforcements in support panels

Treatment of metal reinforcements in support panels

🖵 Drainage

Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used, provide the total thickness and the thickness of each layer)



Wooden plank for containing reburial materials

NTERVENTIONS CARRIED OUT AROUND THE MOSAIC

Wall stabilization

Notes:

Other: \_\_\_\_\_







## DATA FORM NO. 5 - CURRENT INTERVENTIONS INTERVENTION PHASE

/IOSAIC ID \_\_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

**INTERVENTION TYPE** 

Initial intervention

----

DATE AND LENGTH OF CURRENT WORK

DATE RECOMMENDED FOR THE NEXT INSPECTION

TREATMENTS CARRIED OUT ON THE MOSAIC

Vegetation remova

Cleaning of the entire surface

Cleaning of part of the surface

Removal of modern repair mortars

Resetting tesserae

Filling interstices between tesserae

Grouting voids between preparatory layers

□ Infilling lacunae and/or edging repairs

Removal and resetting tesserae with facing

Removal of metal reinforcements in support panel

Treatment of metal reinforcements in support panel

Drainage

Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used, provide the total thickness and the thickness of each layer)

### INTERVENTIONS CARRIED OUT AROUND THE MOSAIC

Wall stabilization Notes: with new re-pointing of masonry

Other: \_\_\_\_\_\_ Notes:





### DATA FORM NO. 5 - CURRENT INTERVENTIONS INTERVENTION PHASE

MOSAIC ID \_\_\_\_\_ /\_\_\_\_ /\_\_\_\_ /\_\_\_\_

INTERVENTION TYPE

Initial intervention

DATE OF PREVIOUS INTERVENTION

DATE OF PREVIOUS INSPECTION

DATE AND LENGTH OF CURRENT WORK

DATE RECOMMENDED FOR THE NEXT INSPECTION

TREATMENTS CARRIED OUT ON THE MOSAIC

Vegetation remova

Cleaning of the entire surface

Cleaning of part of the surface

Removal of modern repair mortars

Resetting tesserae

Filling interstices between tesserae

Grouting voids between preparatory layers

Infilling lacunae and/or edging repairs

Removal and resetting tesserae with facing

Removal of metal reinforcements in support panel

Treatment of metal reinforcements in support panel

Drainage

Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used, provide the total thickness and the thickness of each layer)





### INTERVENTIONS CARRIED OUT AROUND THE MOSAIC

Wall stabilization
Notes:

Other: <u>access</u> barrier Notes:

### DATA FORM NO. 5 - CURRENT INTERVENTIONS INTERVENTION PHAS

MOSAIC ID \_\_\_\_\_ /\_\_\_\_ /\_\_\_\_/

INTERVENTION TYPE Initial intervention Maintenance cycle

DATE OF PREVIOUS INTERVENTION

DATE OF PREVIOUS INSPECTION

DATE AND LENGTH OF CURRENT WORK

DATE RECOMMENDED FOR THE NEXT INSPECTION

TREATMENTS CARRIED OUT ON THE MOSAI

Vegetation remova

Cleaning of the entire surface

Cleaning of part of the surface

Removal of modern repair mortars

Resetting tesserae

Filling interstices between tesserae

Grouting voids between preparatory layers

Infilling lacunae and/or edging repairs

Removal and resetting tesserae with facing

Removal of metal reinforcements in support panels

Treatment of metal reinforcements in support panels

Drainage

Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used, provide the total thickness and the thickness of each layer)

NTERVENTIONS CARRIED OUT AROUND THE MOSAIC

Wall stabilization

Other: \_\_\_\_

.....

### DATA FORM NO. 5 - CURRENT INTERVENTIONS INTERVENTION PHAS

MOSAIC ID \_\_\_\_\_ /\_\_\_\_ /\_\_\_\_/\_\_\_\_

INTERVENTION TYPE Initial intervention Maintenance cycle

DATE OF PREVIOUS INTERVENTION

DATE OF PREVIOUS INSPECTION

DATE AND LENGTH OF CURRENT WORK

DATE RECOMMENDED FOR THE NEXT INSPECTION

TREATMENTS CARRIED OUT ON THE MOSAI

Vegetation remova

Cleaning of the entire surface

Cleaning of part of the surface

Removal of modern repair mortars

Resetting tesserae

Filling interstices between tesserae

Grouting voids between preparatory layers

Infilling lacunae and/or edging repairs

Removal and resetting tesserae with facing

Removal of metal reinforcements in support panels

Treatment of metal reinforcements in support panels

🖵 Drainage

Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used, provide the total thickness and the thickness of each layer)

INTERVENTIONS CARRIED OUT AROUND THE MOSAI

Wall stabilization

Notes:

Uther: \_\_\_\_\_ Notes:

NAMES OF THE TECHNICIANS WHO CARRIED OUT THE WOR

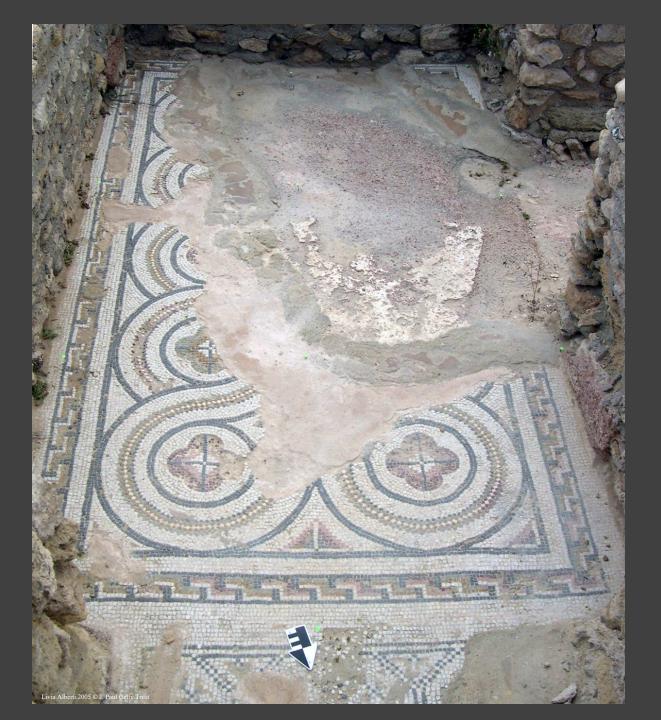
DATE

# MOSAIKON Technician Training for the Conservation of Mosaics – Getty Conservation Institute, 2020 © J. Paul Getty Trust, www.getty.edu

# CASE STUDY

# Hergla, Tunisia

House "of the two peristyles" ID: HE/H2P/25



# Initial intervention



# DATA FORM NO. 5 - CURRENT INTERVENTIONS INTERVENTION PHASE MOSAIC ID <u>HE</u> <u>H2P</u> 25

INTERVENTION TYPE	Initial intervention	C Maintenance cycle
DATE OF PREVIOUS INTERVENTION	During the 1980s	
DATE OF PREVIOUS INSPECTION	June 2005	
DATE AND LENGTH OF CURRENT WOF	October 2005 -	10 days
DATE RECOMMENDED FOR THE NEXT	INSPECTION July 2006	5
TREATMENTS CARRIED OUT ON THE	MOSAIC	
Vegetation removal		
Cleaning of the entire surface		
Cleaning of part of the surface	2	
Removal of modern repair mo	rtars	
Resetting tesserae		
Filling interstices between tes	serae	
Grouting voids between prepa	aratory layers	
Infilling lacunae and/or edging	g repairs	
Removal and resetting tessera	e with facing	
Removal of metal reinforceme	ents in support panels	
Treatment of metal reinforcem	nents in support panels	
🖵 Drainage		
Reburial (Draw a vertical section of a total thickness and the thickness of each		als and separation membranes used, provide the
INTERVENTIONS CARRIED OUT ARO	OUND THE MOSAIC	
Wall stabilization <i>Notes:</i>		
Other: Notes:		

Mohamed Said and Noureddine Jaziri

PREPARED BY Mohamed Said

de Tunisie

2011, 2013 C J. Paul Getty

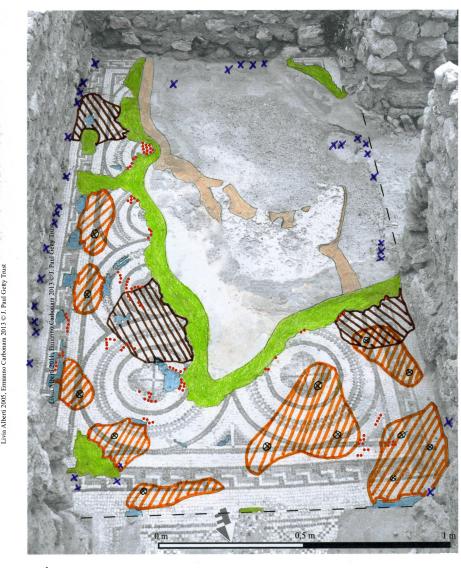
2008.

Livia Alberti, Elsa Bo

# **LEGEND - CURRENT INTERVENTIONS MAP**

MOSAICID\_ HE/H2P/25

×××	Vegetation removal	
	Cleaning of part of the surface	
••••	Resetting tesserae	
	Mortar composition:	
1-	lime putty ½- brown gravel (1 ½- white sand	El Haouareb) 0-0.5 mm 0-0.5 mm
	Filling interstices between tesserae Mortar composition:	
1-	lime putty 1- brown gravel (E ½- white sand	l Haouareb) 0-0.5 mm 0-1 mm
ø	Grouting voids between preparator	y layers
	Mortar composition:	
1-	natural hydraulic lime (NHL 6)	1- stone powder (Bir Halima) 0- 0.20
	Infilling of lacunae and/or edging re	pair Small lacuna infillings
	Mortar composition:	1- white gravel (Rouisse Saad) 1-2 mm 1- white gravel (Rouisse Saad) 0-1 mm
	me putty	1/2- black gravel (Bir M'cherga) 0.5-1mm
1- na	tural hydraulic lime (NHL 6)	½- modern red ceramic (Tozeur) 0.5-1mm 1- white sand 0-1 mm
	Infilling of lacunae and/or edging re	
	Mortar composition:	1- white gravel (Rouisse Saad) 2-4 mm 1- white gravel (Rouisse Saad) 0-2 mm
	me putty tural hydraulic lime (NHL 6)	½- black gravel (Bir M'cherga) 1-3 mm ½- modern red ceramic (Tozeur) 1-3 mm
1- nu	iurai nyaraane nime (11112-0)	<i>I-white sand</i> 0-1 mm
	Infilling of lacunae and/or edging re	
	Mortar composition:	1- brown gravel (El Haouareb) 0-2 mm 1- modern yellow ceramic (Tozeur) 1-3 mm
	me putty	1- modern red ceramic (Tozeur) 3-5 mm 1- modern red ceramic (Tozeur) 5-10 mm
1- na	tural hydraulic lime (NHL 6)	<i>I-white sand</i> 0-3 mm
	Facing with adhesive:	
	Removal and resetting tesserae with	h facing
	Removal of metal reinforcements in	support panels
	Treatment of metal reinforcements	in support panels
	Drainage openings	
	An and the Real Property of the second	
	Reburial of a part of the surface	



# YN N

ID: HE/H2P/25 BASE MADE ON: June 2005 TITLE: Current Interventions Map DATE: October 2005 PREPARED BY: Mohamed Said

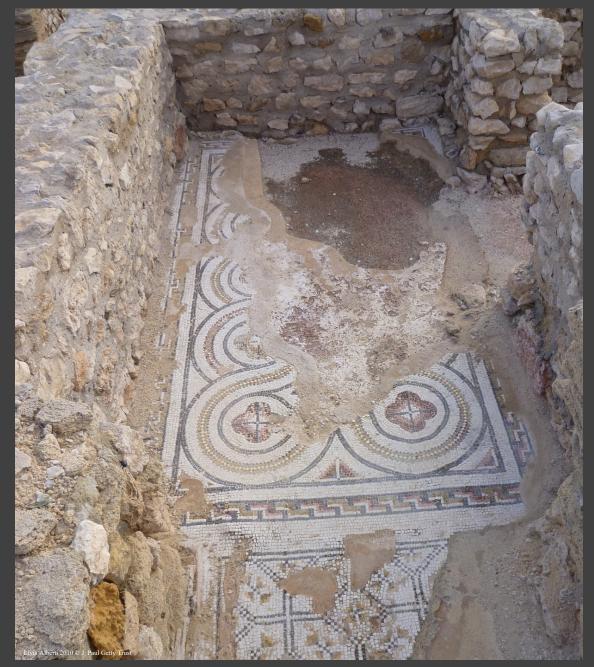
Roby 2008, 2011, 2013 © J. Paul Getty

urguign

Bo

Livia Alberti, Elsa

# Maintenance Cycle



DATA FORM N	O. 3 – CONDITIO	DN ASSESSN MO	NENT STUDY PHASE ISAIC ID <u>HE</u> <u>H2P</u> 25		
INSPECTION TYPE	🗅 Initial inspec		Maintenance cycle		
PRESENT EXPOSURE CO	NDITIONS				
💽 In open air	Reburied		Under an open shelter		
Walked on	🖵 Under a rem	ovable cover	Under a closed shelter		
Parts not excavated	d or inaccessible				
	n, check the boxes of all the de tion phenomena that have oc		n that are present. During maintenance cycles, spection or last intervention.		
STRUCTURAL DETERIORATION			(Condition Assessment Map No. 1)		
Tessellatum lacuna	e	Depres			
Cracks		🖵 Detach	ments between mosaic layers		
Bulges					
SURFACE DETERIORATI			(Condition Assessment Map No. 2,		
Detached tesserae		Stains			
Deteriorated tesser		🖵 Incrust			
Deteriorated morta	ar between tesserae	<b>Efflores</b>	scence		
PRESENCE OF BIO-DET	ERIORATION AGENTS		(Condition Assessment Map No. 3)		
Micro-organisms		لے Tunnel	s or entrance holes made by		
Vegetation		insects	and other animals		
DETERIORATION OF INT	TERVENTIONS		(Condition Assessment Map No. 4)		
Deteriorated lacunae fills or		🖵 Re-deta	ached tesserae		
edging repairs		Deterio	Deteriorated support panels		
Deteriorated morta	ar between tesserae	Deterio	orated support metal reinforcements		
Reburial:	Presence of vege	etation			
	Loss of fill mater	ials			
	Deteriorated sep	paration membran	les		
DETERIORATION OF INT	<b>TERVENTIONS AROUND TH</b>	IE MOSAIC			
Clogged drainage		Deteriorate	d cover or shelter		
Stabilized walls wit	h new deterioration	🖵 Damaged a	ccess barrier		
		Other:			

New deterioration is not serious. There is a large accumulation of dirt and wall mortar powder on the edges of the mosaic.

Livia Alberti, Elsa Bourguignon, Thomas Roby 2008, 2011, 2013 © J. Paul Getty Trust and Institut National du Patrimoine de Tunisie

Date recon	TION OF THE MOSAIC Contemporation of the metric of the me	<b>□ Fair</b> Within 6 months	🗆 Bad
Date recon (Intervention	nmended for intervention: required)		
PREPARED BY	Mohamed Said	DATE	July 2006

# DATA FORM NO 3 - CONDITION ASSESSMENT

	STUDY	PHAS
IIND	25	

During the initial inspection, check the only indicate new deterioration phene STRUCTURAL DETERIORATION Tessellatum lacunae Cracks Bulges SURFACE DETERIORATION Detached tesserae Deteriorated tesserae Deteriorated mortar betwee PRESENCE OF BIO-DETERIORAT Micro-organisms Vegetation DETERIORATION OF INTERVENT	Reburied     Under a removable ccessible     boxes of all the deteriorat     toomena that have occurred s	cover U		
Walked on Parts not excavated or inac During the initial inspection, check th only indicate new deterioration phen STRUCTURAL DETERIORATION Cassellatum lacunae Cacks Bulges SURFACE DETERIORATION Detached tesserae Deteriorated tesserae Deteriorated mortar betwee PRESENCE OF BIO-DETERIORAT Micro-organisms Vegetation DETERIORATION OF INTERVENT	Under a removable ccessible the boxes of all the deteriorat toomena that have occurred toomena that h	cover U	Inder a closed shelter resent. During maintenance cycles last intervention. ndition Assessment Map No. etween mosaic layers adition Assessment Map No. 2	
Parts not excavated or inac During the initial inspection, check th only indicate new deterioration phen STRUCTURAL DETERIORATION Tessellatum lacunae Cracks Bulges SURFACE DETERIORATION Detached tesserae Deteriorated tesserae Deteriorated mortar betwee PRESENCE OF BIO-DETERIORAT Micro-organisms Vegetation DETERIORATION OF INTERVENT	een tesserae	on phenomena that are p ince the last inspection or (Cor Depressions Detachments b (Cor Stains Incrustations Efflorescence (Cor	resent. During maintenance cycles last intervention. ndition Assessment Map No. etween mosaic layers ndition Assessment Map No	
During the initial inspection, check the only indicate new deterioration phene STRUCTURAL DETERIORATION Tessellatum lacunae Cracks Bulges SURFACE DETERIORATION Detached tesserae Deteriorated tesserae Deteriorated mortar betwee PRESENCE OF BIO-DETERIORAT Micro-organisms Vegetation DETERIORATION OF INTERVENT	e boxes of all the deteriorat nomena that have occurred : een tesserae	ince the last inspection or (Corr. Depressions Detachments br (Corr. Stains Incrustations Efflorescence (Corr.	last intervention. Indition Assessment Map No. etween mosaic layers Indition Assessment Map No	
only indicate new deterioration phen STRUCTURAL DETERIORATION Tessellatum lacunae Cracks Bulges SURFACE DETERIORATION Deteriorated tesserae Deteriorated mortar betwee PRESENCE OF BIO-DETERIORAT Micro-organisms Vegetation DETERIORATION OF INTERVENT	oomena that have occurred : een tesserae	ince the last inspection or (Corr. Depressions Detachments br (Corr. Stains Incrustations Efflorescence (Corr.	last intervention. Indition Assessment Map No. etween mosaic layers Indition Assessment Map No	
<ul> <li>Tessellatum lacunae</li> <li>Cracks</li> <li>Bulges</li> <li>SURFACE DETERIORATION</li> <li>Detached tesserae</li> <li>Deteriorated tesserae</li> <li>Deteriorated mortar betwee</li> <li>PRESENCE OF BIO-DETERIORAT</li> <li>Micro-organisms</li> <li>Vegetation</li> <li>DETERIORATION OF INTERVENT</li> </ul>		Depressions Com Com Com Stains Incrustations Efflorescence (Com Com Com Com Com Com Com Com Com Com	etween mosaic layers adition Assessment Map No	
<ul> <li>Cracks</li> <li>Bulges</li> <li>SURFACE DETERIORATION</li> <li>Detached tesserae</li> <li>Deteriorated tesserae</li> <li>Deteriorated mortar betwee</li> <li>PRESENCE OF BIO-DETERIORAT</li> <li>Micro-organisms</li> <li>Vegetation</li> <li>DETERIORATION OF INTERVENT</li> </ul>		(Con Stains Incrustations Efflorescence (Con	dition Assessment Map No. 2	
Bulges SURFACE DETERIORATION Detached tesserae Deteriorated tesserae Deteriorated mortar betwee PRESENCE OF BIO-DETERIORAT Micro-organisms Vegetation DETERIORATION OF INTERVENT		(Con Stains Incrustations Efflorescence (Con	dition Assessment Map No. 2	
SURFACE DETERIORATION Detached tesserae Deteriorated tesserae Deteriorated mortar betwee PRESENCE OF BIO-DETERIORAT Micro-organisms Vegetation DETERIORATION OF INTERVENT		Stains Incrustations Efflorescence (Con		
Detached tesserae Deteriorated tesserae Deteriorated mortar betwee PRESENCE OF BIO-DETERIORAT Micro-organisms Vegetation DETERIORATION OF INTERVENT		Stains Incrustations Efflorescence (Con		
Deteriorated tesserae Deteriorated mortar betwee PRESENCE OF BIO-DETERIORAT Micro-organisms Vegetation DETERIORATION OF INTERVENT		Contractions	ndition Assessment Map No	
Deteriorated mortar betwee     PRESENCE OF BIO-DETERIORAT     Micro-organisms     Vegetation     DETERIORATION OF INTERVENT		Efflorescence (Con	ndition Assessment Map No	
PRESENCE OF BIO-DETERIORAT  Deterioration  Deterioration of intervent		(Con	ndition Assessment Map No	
Micro-organisms     Vegetation     DETERIORATION OF INTERVENT	ION AGENTS		dition Assessment Map No	
Vegetation DETERIORATION OF INTERVENT		Tunnels or entra		
DETERIORATION OF INTERVENT			ance holes made by	
		insects and othe	er animals	
<b>—</b>	IONS	(Con	dition Assessment Map No. 4	
Deteriorated lacunae fills o	or	Re-detached te	sserae	
edging repairs		Deteriorated su		
Deteriorated mortar between the second se	een tesserae	Deteriorated su	pport metal reinforcement	
Reburial:	Presence of vegetation			
	Loss of fill materials			
	Deteriorated separation	n membranes		
DETERIORATION OF INTERVENT	TIONS AROUND THE MO	AIC		
Clogged drainage		Deteriorated cover of		
Stabilized walls with new c	deterioration	Damaged access barrier		
		Other:		
OBSERVATIONS ON THE CONDIT	TION ASSESSMENT			

GENERAL CONDITIO	N OF THE MOSAIC			
	🖵 Good	Fair		🖵 Bad
(No intervention	nended for intervention:			
PREPARED BY	Mohamed Said		DATE	April 2010

ATA FORM NO. 5 - CURRENT INTERVENTIONS INTERVENTION PHASE MOSAIC ID $HE/H2P/25/$		LEGEND - CURRENT INTERVENTIONS MAP
		Vegetation removal
RVENTION TYPE Initial intervention Maintenance cycle		Cleaning of part of the surface
OF PREVIOUS INTERVENTION October 2006		•••• Resetting tesserae
OF PREVIOUS INSPECTION July 2006	ne de 7	
and length of current work $June \ 2010$ - 5 days	ti i i i i i i i i i i i i i i i i i i	
RECOMMENDED FOR THE NEXT INSPECTION	ional du Patr	AND RECEIPT
ATMENTS CARRIED OUT ON THE MOSAIC	itut Nati	
egetation removal	and Institut	
eaning of the entire surface		The ALANDER AND
eaning of part of the surface	2008, 2011, 2013 © J. Paul Getty Trust	×
emoval of modern repair mortars	Paul G	A AN A A
esetting tesserae		
lling interstices between tesserae	, 2013	spirit and spirit
routing voids between preparatory layers	5011	I get
filling lacunae and/or edging repairs		J. Pau
emoval and resetting tesserae with facing	Roby	
emoval of metal reinforcements in support panels	jomas	
eatment of metal reinforcements in support panels	di, Th	intro interest in the second s
rainage		
eburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used, provide the tal thickness and the thickness of each layer)	i, Elsa Bour	5010' Emma
gravel 10 cm	Livia Alberti, Elsa Bc	via Alberti
sand 20 cm	30 cm	
ooden plank for containing reburial materials		0.5 m
RVENTIONS CARRIED OUT AROUND THE MOSAIC		PREPAR
/all stabilization		State Stat
ther:		$\mathbf{\lambda}_{N}$
		ID: HE/H2P/25 TITLE: Current Intervent
ies of the technicians who carried out the work hamed Said and Noureddine Jaziri		DATE: June 2010 BASE MADE ON: April 2010 PREPARED BY: Mohame
pared by Mohamed Said Date June 2010		

# DATA FORM NO. 5 - CURRENT INTERVENTIONS INTERVENTION PHASE $H_{25}$ , $H_{27}$ , $H_{27$

INTERVENTION TYPE	lnitial intervention	Maintenance cycle
DATE OF PREVIOUS INTERVENTION	October 2006	
DATE OF PREVIOUS INSPECTION	July 2006	
DATE AND LENGTH OF CURRENT WO	<sub>кк</sub> June 2010 - 5	days
DATE RECOMMENDED FOR THE NEXT	INSPECTION	

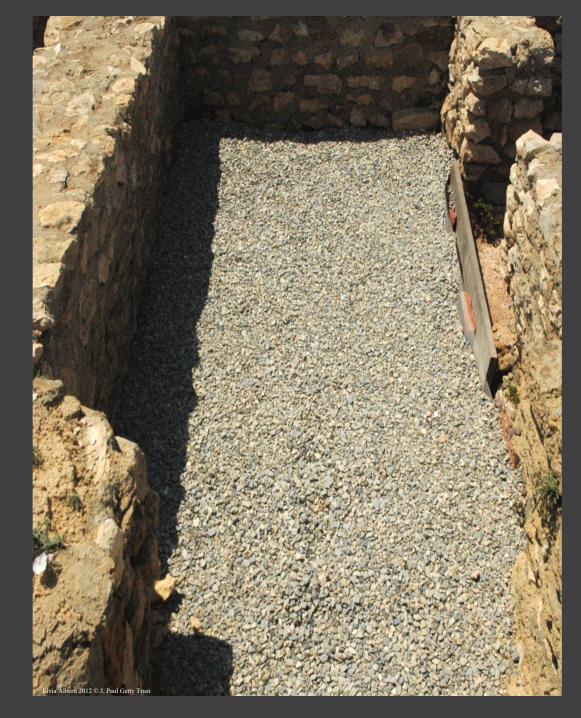
TREATMENTS CARRIED OUT ON THE MOSAIC
Vegetation removal
Cleaning of the entire surface
Cleaning of part of the surface
Cleaning of part of the surface
Removal of modern repair mortars
Resetting tesserae
Filling interstices between tesserae
Grouting voids between preparatory layers
Infilling lacunae and/or edging repairs
Removal and resetting tesserae with facing
Removal and resetting tesserae with facing
Removal of metal reinforcements in support panels
Treatment of metal reinforcements in support panels

Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used, provide the total thickness and the thickness of each layer)

THE TAR PART OF A DECEMBER OF		4
gravel	10 cm 👘	
Mosquito netting sand 2	20 cm	30 cm

Wooden plank for containing reburial materials

INTERVENTIONS CARRIED OUT AROUND THE MOSAIC			
Wall stabilization			
Other: Notes:			
NAMES OF THE TECHNICIANS WHO CARRIED OUT THE WORK Mohamed Said and Noureddine Jaziri			
PREPARED BY Mohamed Said	DATE	June 2010.	

















MOSAIKON is a partnership of four institutions: the Getty Conservation Institute, the Getty Foundation, ICCROM, and ICCM. The aims of the project are to strengthen the network of professionals concerned with the conservation, restoration, maintenance, and management of mosaic heritage in the southern and eastern Mediterranean region; provide training to a variety of individuals involved in mosaics conservation and, more generally, with the management of archaeological sites and museums with mosaics; work with national and international bodies to provide a more favorable legislative, regulatory, and economic environment for the conservation of mosaics in the Mediterranean; and promote the dissemination and exchange of information.

