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# TECHNICIAN TRAINING FOR THE CONSERVATION OF MOSAICS

PART 1
THE CONSERVATION OF IN SITU MOSAICS

## Previous interventions

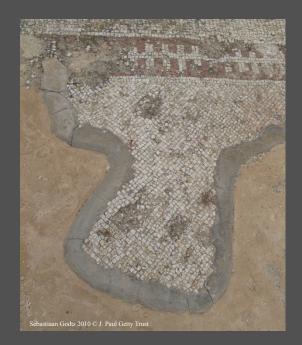
Livia Alberti, Ermanno Carbonara, Thomas Roby



## Different types of previous interventions











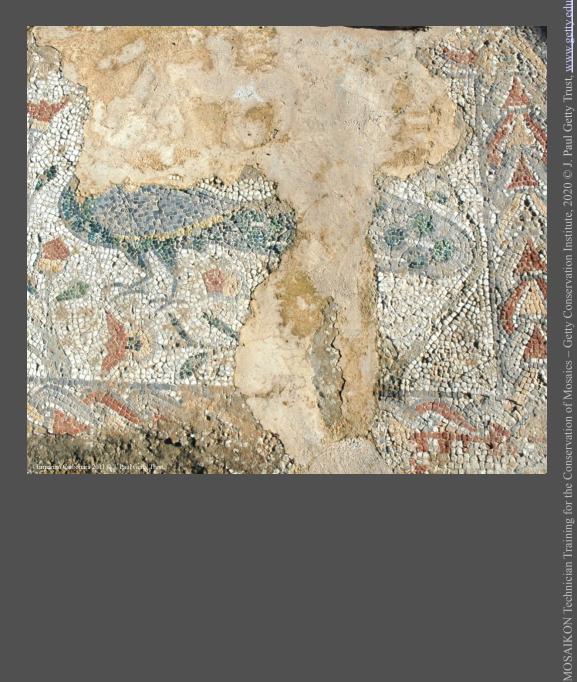
Livia Alberti, Elsa Bourguignon, Thomas Roby 2008, 2011, 2013 © J. Paul Getty Trust and Institut National du Patrimoine de Tunisie

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PREVIOUS INTERVENTIO		
Mortar repairs	☐ Infilling of lacunae	
	☐ Edging repair	
	☐ Filling of interstices between tesserae	lavore
	☐ Grouting of voids between preparatory	layers
Reintegration of lacunae	☐ with tesserae	
	with pieces of stone, brick or other mate into the mortar	rial inserted
Lifting and relaying on a	☐ Reinforced concrete/cement support	
new support	☐ Other type of support:	
Surface treatment	☐ Chemical cleaning	
Juliace treatment	☐ Mechanical abrasion	
	☐ Application of a surface product (resin, v	vay etc)
	Other:	vax, ctc.)
☐ Parts detached and stored		
PREVIOUS INTERVENTIO	NS AROUND THE MOSAIC	
		abilization
□ Drainage □ Removable cover	☐ Open shelter ☐ Wall st	abilization
□ Drainage □ Removable cover	☐ Open shelter ☐ Wall st	
□ Drainage □ Removable cover □ Access barrier:	☐ Open shelter ☐ Wall st	
□ Drainage □ Removable cover □ Access barrier:	☐ Open shelter ☐ Wall st☐ Closed shelter ☐ Other:	

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PREVIOUS INTERVENTIONS	
Mortar repairs	<ul><li>➢ Infilling of Iacunae</li><li>☐ Edging repair</li><li>☐ Filling of interstices between tesserae</li><li>☐ Grouting of voids between preparatory layers</li></ul>
Reintegration of lacunae	☐ with tesserae ☐ with pieces of stone, brick or other material inserted into the mortar
Lifting and relaying on a new support	☐ Reinforced concrete/cement support ☐ Other type of support:
Surface treatment	☐ Chemical cleaning ☐ Mechanical abrasion ☐ Application of a surface product (resin, wax, etc.) ☐ Other:
☐ Parts detached and stored else	where
☐ Reburial (Draw a vertical section of the provide the total thickness and the thick	ne reburial: describe the fill materials and separation membranes used, aness of each layer)



☐ Drainage ☐ Open shelter ☐ Wall stabilization
☐ Removable cover ☐ Closed shelter ☐ Other: \_\_\_\_\_\_\_

DATES OF PREVIOUS INTERVENTIONS CARRIED OUT AND INFORMATION SOURCE:

### DATA FORM NO. 2 – PREVIOUS INTERVENTIONS

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PREVIOUS INTERVENTIONS	ON THE MOSAIC	
Mortar repairs	☐ Infilling of lacunae  Edging repair ☐ Filling of interstices between ☐ Grouting of voids between p	
Reintegration of lacunae	☐ with tesserae ☐ with pieces of stone, brick or into the mortar	other material inserted
Lifting and relaying on a new support	☐ Reinforced concrete/cement☐ Other type of support:	
Surface treatment	☐ Chemical cleaning ☐ Mechanical abrasion ☐ Application of a surface prod ☐ Other:	uct (resin, wax, etc.)
☐ Parts detached and stored else	ewhere	
provide the total thickness and the thic		
PREVIOUS INTERVENTIONS		D.Wall stabilization
☐ Drainage ☐ Removable cover ☐ Access barrier:	☐ Open shelter ☐ Closed shelter	☐ Wall stabilization ☐ Other:
DATES OF PREVIOUS INTERVENTI	ONS CARRIED OUT AND INFORMA	ITION SOURCES



	☐ Edging repair   Filling of interstices between tesserae  Grouting of voids between preparatory layers
Reintegration of lacunae	<ul><li>□ with tesserae</li><li>□ with pieces of stone, brick or other material in into the mortar</li></ul>
Lifting and relaying on a new support	☐ Reinforced concrete/cement support☐ Other type of support:
Surface treatment	☐ Chemical cleaning ☐ Mechanical abrasion ☐ Application of a surface product (resin, wax, e
☐ Parts detached and stored	elsewhere
☐ Reburial (Draw a vertical section provide the total thickness and the	n of the reburial: describe the fill materials and separation membrane e thickness of each layer)
PREVIOUS INTERVENTIO	ONS AROUND THE MOSAIC

**DATA FORM NO. 2 - PREVIOUS INTERVENTIONS** 

☐ Infilling of lacunae

PREVIOUS INTERVENTIONS ON THE MOSAIC

Mortar repairs





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PREVIOUS INTERVENTION	ONS ON THE MOSAIC		
Mortar repairs	☐ Infilling of lacunae☐ Edging repair☐ Filling of interstices bet☐ Grouting of voids betw		rs
Reintegration of lacunae	with tesserae with pieces of stone, but into the mortar	rick or other material	inserted
Lifting and relaying on a new support	☐ Reinforced concrete/ce☐ Other type of support:		
Surface treatment	☐ Chemical cleaning☐ Mechanical abrasion☐ Application of a surface☐ Other:	e product (resin, wax,	etc.)
☐ Parts detached and stored	d elsewhere		
□ Reburial (Draw a vertical section provide the total thickness and the provide the provide the total thickness and the provide the provi	on of the reburial: describe the fill materia he thickness of each layer)		nes used,
PREVIOUS INTERVENTION	ONS AROUND THE MOSAIC		
☐ Drainage ☐ Removable cover ☐ Access barrier:	☐ Open shelter☐ Closed shelter☐	☐ Wall stabil ☐ Other:	
DATES OF PREVIOUS INTERV	ENTIONS CARRIED OUT AND INF	ORMATION SOURCES	

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PREVIOUS INTERVENT	ONS ON THE MOSAIC		
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Reintegration of lacunae	with tesserae with pieces of stone, bri into the mortar	ick or other materi	al inserted
Lifting and relaying on a new support	☐ Reinforced concrete/cer☐ Other type of support:		
Surface treatment	☐ Chemical cleaning☐ Mechanical abrasion	product (resin, wa	ax, etc.)
	☐ Application of a surface☐ Other:		
☐ Parts detached and store ☐ Reburial (Draw a vertical sect provide the total thickness and	☐ Other:  Indexided elsewhere  It ion of the reburial: describe the fill material		branes used,
☐ Reburial (Draw a vertical sect	☐ Other:  Indexided elsewhere  It ion of the reburial: describe the fill material		oranes used,
□ Reburial (Draw a vertical sect provide the total thickness and	☐ Other:  Indexided elsewhere  It ion of the reburial: describe the fill material		oranes used,

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With pieces of ancient brick



With pieces of modern brick

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PREVIOUS INTERVENTIO	NS ON THE MOSAIC
Mortar repairs	☐ Infilling of lacunae ☐ Edging repair ☐ Filling of interstices between tesserae ☐ Grouting of voids between preparatory layers
Reintegration of lacunae	☐ with tesserae ☐ with pieces of stone, brick or other material inserted into the mortar
Lifting and relaying on a new support	Reinforced concrete/cement support  Other type of support:
Surface treatment	☐ Chemical cleaning ☐ Mechanical abrasion
	☐ Application of a surface product (resin, wax, etc.) ☐ Other:
☐ Parts detached and stored	☐ Application of a surface product (resin, wax, etc.)☐ Other:
□ Reburial (Draw a vertical section provide the total thickness and the	□ Application of a surface product (resin, wax, etc.) □ Other: elsewhere of the reburial: describe the fill materials and separation membranes used, thickness of each layer)
□ Reburial (Draw a vertical section provide the total thickness and the	☐ Application of a surface product (resin, wax, etc.) ☐ Other: elsewhere  n of the reburial: describe the fill materials and separation membranes used,





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PREVIOUS INTERVENTIO	NS ON THE MOSAIC
Mortar repairs	☐ Infilling of lacunae ☐ Edging repair ☐ Filling of interstices between tesserae ☐ Grouting of voids between preparatory layers
Reintegration of lacunae	<ul><li>□ with tesserae</li><li>□ with pieces of stone, brick or other material inserted into the mortar</li></ul>
Lifting and relaying on a new support	☐ Reinforced concrete/cement support  Concret
Surface treatment	☐ Chemical cleaning ☐ Mechanical abrasion ☐ Application of a surface product (resin, wax, etc.) ☐ Other:
☐ Parts detached and stored	elsewhere
PREVIOUS INTERVENTIO	NS AROUND THE MOSAIC
☐ Drainage ☐ Removable cover ☐ Access barrier:	☐ Open shelter ☐ Wall stabilization ☐ Closed shelter ☐ Other:
DATES OF PREVIOUS INTERVE	NTIONS CARRIED OUT AND INFORMATION SOURCES
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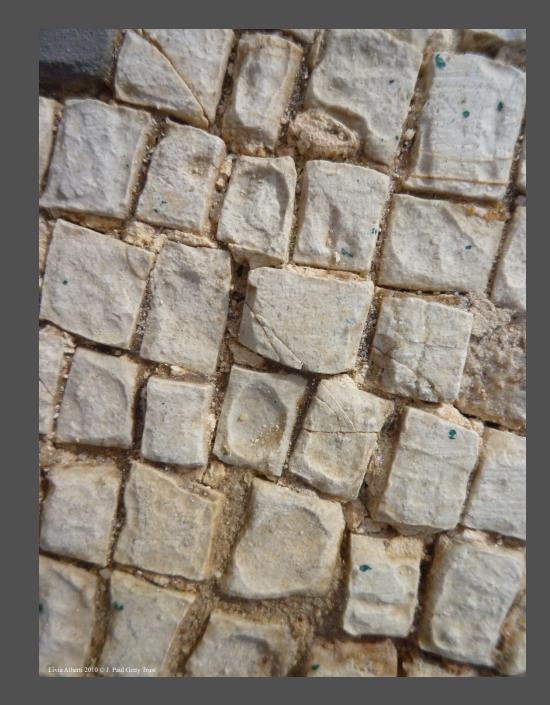




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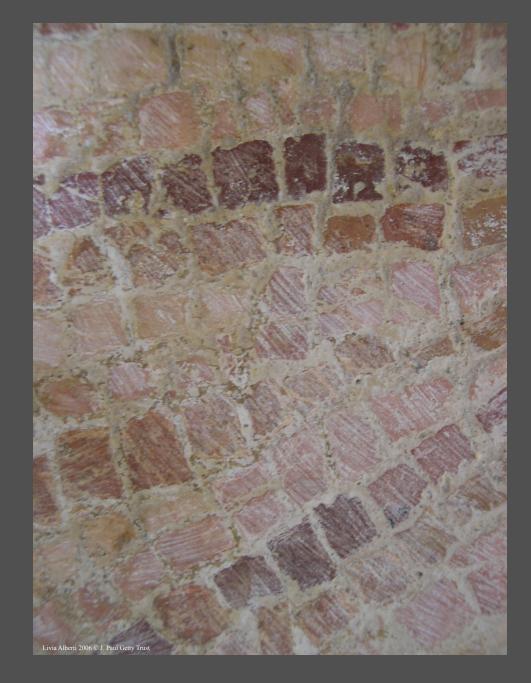
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PREVIOUS INTERVENTIO	NS ON THE MOSAIC		
Mortar repairs	☐ Infilling of lacunae ☐ Edging repair ☐ Filling of interstices bet ☐ Grouting of voids betw		5
Reintegration of lacunae	☐ with tesserae ☐ with pieces of stone, br into the mortar	ick or other material ir	nserted
Lifting and relaying on a new support	☐ Reinforced concrete/ce☐ Other type of support:		
Surface treatment	Chemical cleaning  Mechanical abrasion  Application of a surface  Other:	e product (resin, wax, e	etc.)
☐ Parts detached and stored	elsewhere		
□ Reburial (Draw a vertical section provide the total thickness and the	of the reburial: describe the fill materia thickness of each layer)	ls and separation membrane	es used,
PREVIOUS INTERVENTIO	NS AROUND THE MOSAIC		

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Mortar repairs	☐ Infilling of lacunae ☐ Edging repair ☐ Filling of interstices between tesserae ☐ Grouting of voids between preparatory layers
Reintegration of lacunae	<ul><li>with tesserae</li><li>with pieces of stone, brick or other material inserted into the mortar</li></ul>
Lifting and relaying on a new support	☐ Reinforced concrete/cement support ☐ Other type of support:
Surface treatment	☐ Chemical cleaning  Mechanical abrasion
	☐ Application of a surface product (resin, wax, etc.)☐ Other:
☐ Parts detached and stored☐ Reburial (Draw a vertical section	☐ Application of a surface product (resin, wax, etc.)☐ Other:
	□ Application of a surface product (resin, wax, etc.) □ Other: elsewhere of the reburial: describe the fill materials and separation membranes used,
□ Reburial (Draw a vertical section provide the total thickness and the	□ Application of a surface product (resin, wax, etc.) □ Other: elsewhere of the reburial: describe the fill materials and separation membranes used,



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STUDY PHASE

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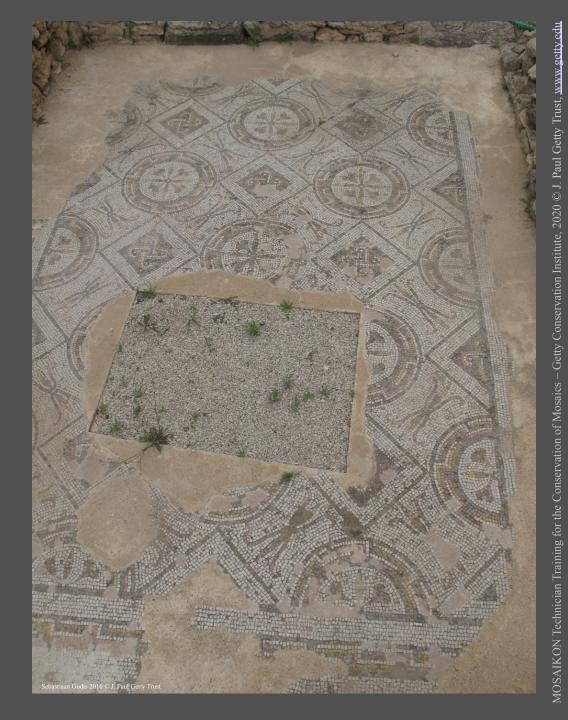
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Mortar repairs	☐ Infilling of lacunae ☐ Edging repair ☐ Filling of interstices bet ☐ Grouting of voids betw		
Reintegration of lacunae	<ul><li>□ with tesserae</li><li>□ with pieces of stone, be into the mortar</li></ul>	rick or other material in	serted
Lifting and relaying on a new support	☐ Reinforced concrete/ce☐ Other type of support:		
Surface treatment	☐ Chemical cleaning☐ Mechanical abrasion		
	☐ Application of a surface  Other: Glue	e product (resin, wax, e	tc.)
☐ Parts detached and stored☐ Reburial (Draw a vertical section provide the total thickness and the	Other: Glue elsewhere n of the reburial: describe the fill materia		
☐ Reburial (Draw a vertical section	Other: Glue elsewhere n of the reburial: describe the fill materia		
□ Reburial (Draw a vertical section provide the total thickness and the	Other: Glue elsewhere n of the reburial: describe the fill materia	ls and separation membrane	
□ Reburial (Draw a vertical section provide the total thickness and the	elsewhere  of the reburial: describe the fill material thickness of each layer)	ls and separation membrane	s used,



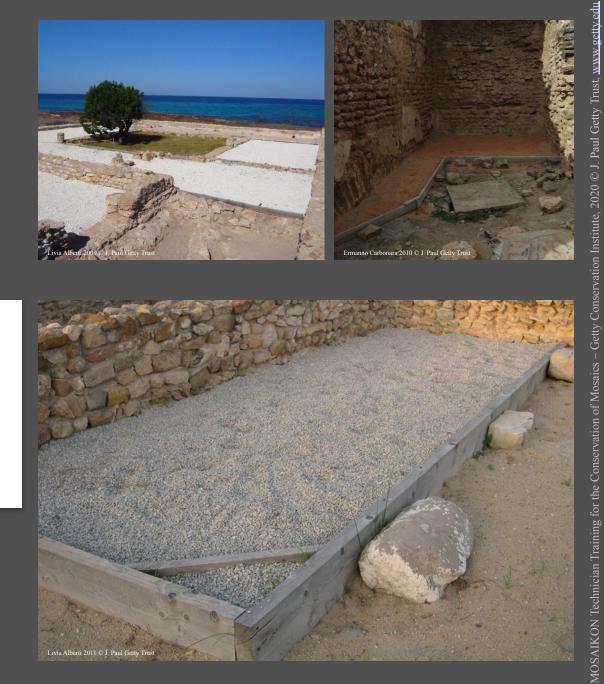
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PREVIOUS INTERVENTION	NS ON THE MOSAIC
Mortar repairs	☐ Infilling of lacunae ☐ Edging repair ☐ Filling of interstices between tesserae ☐ Grouting of voids between preparatory layers
Reintegration of lacunae	<ul> <li>□ with tesserae</li> <li>□ with pieces of stone, brick or other material inserted into the mortar</li> </ul>
Lifting and relaying on a new support	☐ Reinforced concrete/cement support ☐ Other type of support:
Surface treatment	☐ Chemical cleaning ☐ Mechanical abrasion ☐ Application of a surface product (resin, wax, etc.) ☐ Other:
arts detached and stored	elsewhere
provide the total thickness and the	of the reburial: describe the fill materials and separation membranes used, thickness of each layer)
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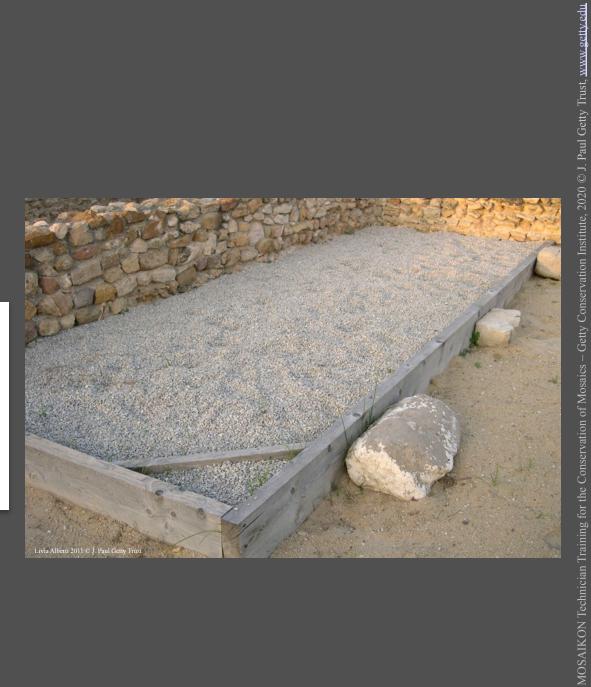
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PREVIOUS INTERVENTION	ONS ON THE MOSAIC
Mortar repairs	<ul> <li>☐ Infilling of lacunae</li> <li>☐ Edging repair</li> <li>☐ Filling of interstices between tesserae</li> <li>☐ Grouting of voids between preparatory layers</li> </ul>
Reintegration of lacunae	<ul><li>□ with tesserae</li><li>□ with pieces of stone, brick or other material inserted into the mortar</li></ul>
Lifting and relaying on a new support	☐ Reinforced concrete/cement support ☐ Other type of support:
Surface treatment	☐ Chemical cleaning ☐ Mechanical abrasion
	☐ Application of a surface product (resin, wax, etc.) ☐ Other:
☐ Parts detached and stored☐ Reburial (Draw a vertical sectio	☐ Application of a surface product (resin, wax, etc.)☐ Other:
	□ Application of a surface product (resin, wax, etc.) □ Other: elsewhere  n of the reburial: describe the fill materials and separation membranes used,
□ Reburial (Draw a vertical section provide the total thickness and the total	□ Application of a surface product (resin, wax, etc.) □ Other: elsewhere  n of the reburial: describe the fill materials and separation membranes used,







Reintegration of lacunae  Lifting and relaying on a new support  Surface treatment  Parts detached and stored elsew provide the total thickness and the thic	☐ Infilling of lacunae ☐ Edging repair ☐ Filling of interstices between ☐ Grouting of voids between ☐ with tesserae ☐ with pieces of stone, brick into the mortar ☐ Reinforced concrete/ceme ☐ Other type of support: ☐ Chemical cleaning ☐ Mechanical abrasion ☐ Application of a surface pr ☐ Other: here	or other material in nt support	nserted etc.)
Reintegration of lacunae  Lifting and relaying on a new support  Surface treatment  Parts detached and stored elsew  Reburial (Draw a vertical section of the provide the total thickness and the thickness and th	☐ Edging repair ☐ Filling of interstices betweer ☐ Grouting of voids betweer ☐ with tesserae ☐ with pieces of stone, brick into the mortar ☐ Reinforced concrete/ceme ☐ Other type of support: ☐ Chemical cleaning ☐ Mechanical abrasion ☐ Application of a surface pr ☐ Other:	or other material in nt support	nserted etc.)
Lifting and relaying on a new support  Surface treatment  Parts detached and stored elsew  Reburial (Draw a vertical section of the provide the total thickness and the thickn	with pieces of stone, brick into the mortar      Reinforced concrete/ceme     Other type of support:      Chemical cleaning     Mechanical abrasion     Application of a surface pr     Other:  here	nt support ——— oduct (resin, wax, e	etc.)
Surface treatment  Parts detached and stored elsew  Reburial (Draw a vertical section of the provide the total thickness and the thickness	☐ Other type of support: ☐ Chemical cleaning ☐ Mechanical abrasion ☐ Application of a surface pr ☐ Other: here	oduct (resin, wax, e	
☐ Parts detached and stored elsew  Reburial (Draw a vertical section of the provide the total thickness and the thickne	□ Mechanical abrasion     □ Application of a surface pr     □ Other:  here  reburial: describe the fill materials ar		
Reburial (Draw a vertical section of the	reburial: describe the fill materials ar	d separation membran	es used,
provide the total thickness and the thickn		d separation membran	es used,
	gravel		10 cm
	sand		10 cm 30 cm
Wooden planks for conta	ining reburial materials	: :	
PREVIOUS INTERVENTIONS A	ROUND THE MOSAIC		
	□ Open shelter □ Closed shelter	☐ Wall stabiliz ☐ Other:	
DATES OF PREVIOUS INTERVENTION	NS CARRIED OUT AND INFOR	MATION SOURCES	

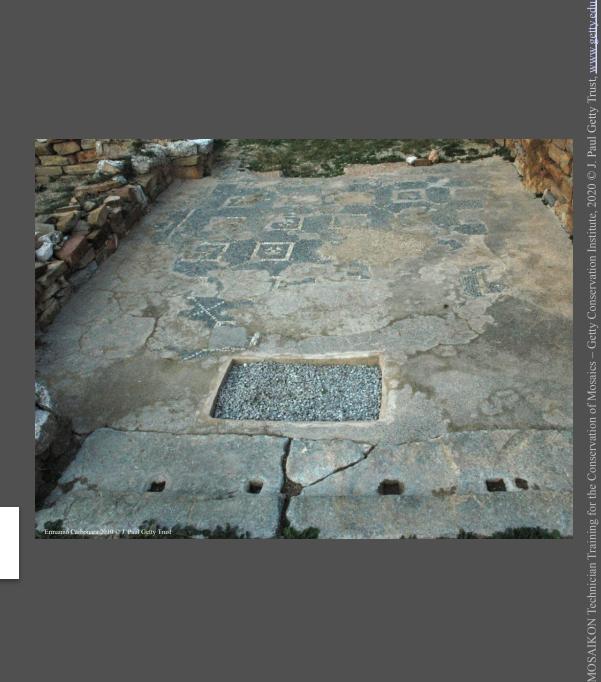


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	PREVIOUS INTERVENTIONS	ON THE MOSAIC
	Mortar repairs	☐ Infilling of Iacunae ☐ Edging repair ☐ Filling of interstices between tesserae ☐ Grouting of voids between preparatory layers
unisie	Reintegration of lacunae	☐ with tesserae ☐ with pieces of stone, brick or other material inserted into the mortar
ıtrimoine de T	Lifting and relaying on a new support	☐ Reinforced concrete/cement support ☐ Other type of support:
Institut National du Pe	Surface treatment	☐ Chemical cleaning ☐ Mechanical abrasion ☐ Application of a surface product (resin, wax, etc.) ☐ Other:
rust and	☐ Parts detached and stored else	ewhere
gron, Thomas Roby 2008, 2011, 2013 © J. Paul Gerty Trust and Institut National du Patrimoine de Tunisie	□ Reburial (Draw a vertical section of t provide the total thickness and the thic	he reburial: describe the fill materials and separation membranes used, kness of each layer)

**DATA FORM NO. 2 - PREVIOUS INTERVENTIONS** 

PREVIOUS INTERVENTIONS AROUND THE MOSAIC **₩** Drainage ☐ Wall stabilization ☐ Open shelter Removable cover ☐ Closed shelter ☐ Other: \_ ☐ Access barrier:



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Mortar repairs	☐ Infilling of lacunae
	☐ Edging repair
	☐ Filling of interstices between tesserae
	☐ Grouting of voids between preparatory layers
Reintegration of lacunae	☐ with tesserae
	with pieces of stone, brick or other material inserted into the mortar
Lifting and relaying on a	☐ Reinforced concrete/cement support
new support	☐ Other type of support:
Surface treatment	☐ Chemical cleaning
	☐ Mechanical abrasion
	☐ Application of a surface product (resin, wax, etc.)
	Other:
☐ Parts detached and stored	elsewhere
☐ Reburial (Draw a vertical section	n of the reburial: describe the fill materials and separation membranes used,
provide the total thickness and the	

**DATA FORM NO. 2 - PREVIOUS INTERVENTIONS** 

STUDY PHASE

PREVIOUS INTERVENTIONS AROUND THE MOSAIC			
☐ Drainage  Removable cover ☐ Access barrier:	☐ Open shelter☐ Closed shelter	☐ Wall stabilization☐ Other:	

DATES OF PREVIOUS INTERVENTIONS CARRIED OUT AND INFORMATION SOURCES



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☐ Access barrier:

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Reintegration of lacunae	<ul><li>□ with tesserae</li><li>□ with pieces of stone, I</li><li>into the mortar</li></ul>	orick or other material ir	nserted
Lifting and relaying on a new support	☐ Reinforced concrete/o		
Surface treatment	☐ Chemical cleaning ☐ Mechanical abrasion ☐ Application of a surfa	ce product (resin, wax, e	etc.)
☐ Parts detached and stored	elsewhere		
☐ Reburial (Draw a vertical section provide the total thickness and the		als and separation membran	es used,
PREVIOUS INTERVENTIO	NS AROUND THE MOSAIC	С	
☐ Drainage ☐ Removable cover	Open shelter Closed shelter	☐ Wall stabiliz☐ Other:	





☐ Drainage

☐ Removable cover

☐ Access barrier:

DATA FORM NO. 2 -	PREVIOUS INTERVENTIONS STUDY PHASE
	MOSAIC ID///////
PREVIOUS INTERVENTIO	NS ON THE MOSAIC
Mortar repairs	☐ Infilling of lacunae ☐ Edging repair ☐ Filling of interstices between tesserae ☐ Grouting of voids between preparatory layers
Reintegration of lacunae	<ul><li>□ with tesserae</li><li>□ with pieces of stone, brick or other material inserted into the mortar</li></ul>
Lifting and relaying on a new support	☐ Reinforced concrete/cement support ☐ Other type of support:
Surface treatment	<ul> <li>Chemical cleaning</li> <li>Mechanical abrasion</li> <li>Application of a surface product (resin, wax, etc.)</li> <li>Other:</li> </ul>
☐ Parts detached and stored	elsewhere
☐ Reburial (Draw a vertical section provide the total thickness and the	n of the reburial: describe the fill materials and separation membranes used, othickness of each layer)

☐ Open shelter

Closed shelter

☐ Wall stabilization

☐ Other: \_

PREVIOUS INTERVENTIONS AROUND THE MOSAIC







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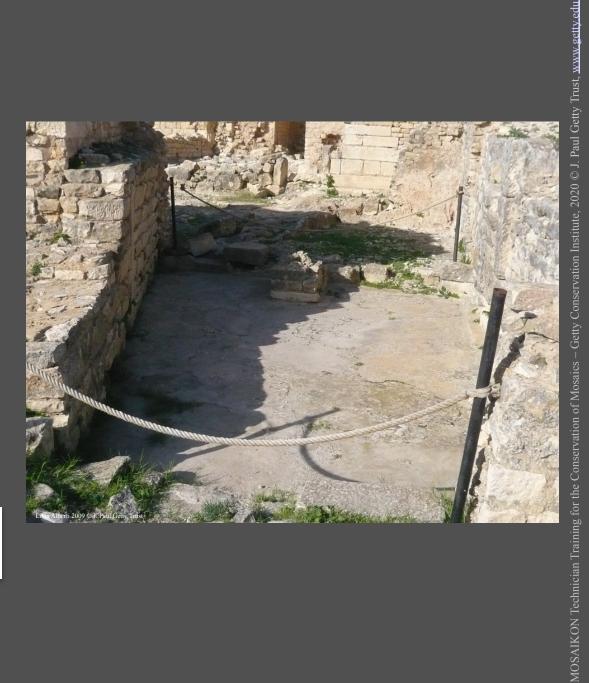
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PREVIOUS INTERVENTIO	NS ON THE MOSAIC
Mortar repairs	☐ Infilling of lacunae ☐ Edging repair ☐ Filling of interstices between tesserae ☐ Grouting of voids between preparatory layers
Reintegration of lacunae	<ul><li>□ with tesserae</li><li>□ with pieces of stone, brick or other material inserted into the mortar</li></ul>
Lifting and relaying on a new support	☐ Reinforced concrete/cement support☐ Other type of support:
Surface treatment	☐ Chemical cleaning ☐ Mechanical abrasion ☐ Application of a surface product (resin, wax, etc.) ☐ Other:
☐ Parts detached and stored	elsewhere
Reburial (Draw a vertical section provide the total thickness and the	n of the reburial: describe the fill materials and separation membranes used, e thickness of each layer)

STUDY PHASE

**DATA FORM NO. 2 - PREVIOUS INTERVENTIONS** 

PREVIOUS INTERVENTIONS AROUND THE MOSAIC			
☐ Drainage	☐ Open shelter	☐ Wall stabilization	
☐ Removable cover ☐ Access barrier: <u>Rope</u>	☐ Closed shelter	Other:	

DATES OF PREVIOUS INTERVENTIONS CARRIED OUT AND INFORMATION SOURCES



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	MOSAIC ID///	etty.
JS INTERVENTIO	NS ON THE MOSAIC	WW g
pairs	☐ Infilling of lacunae ☐ Edging repair ☐ Filling of interstices between tesserae ☐ Grouting of voids between preparatory layers	etty Trust, <u>w</u>
ion of lacunae	☐ with tesserae ☐ with pieces of stone, brick or other material inserted into the mortar	© J. Paul G
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### PREVIOUS INTERVENTIONS AROUND THE MOSAIC

**DATA** 

**PREVIO** 

☐ Drainage ☐ Removable cover	☐ Open shelter☐ Closed shelter	Wall stabilization Other:
☐ Access barrier:		

DATES OF PREVIOUS INTERVENTIONS CARRIED OUT AND INFORMATION SOURCES

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☐ Edging repair ☐ Filling of interstices between tesserae ☐ Grouting of voids between preparatory layers  Reintegration of lacunae ☐ with tesserae ☐ with pieces of stone, brick or other material inserted into the mortar  Lifting and relaying on a ☐ Reinforced concrete/cement support ☐ Other type of support:	PREVIOUS INTERVENTION	NS ON THE MOSAIC
□ with pieces of stone, brick or other material inserted into the mortar  Lifting and relaying on a new support □ Other type of support: □ Chemical cleaning □ Mechanical abrasion □ Application of a surface product (resin, wax, etc.) □ Other: □ Other: □ Other: □ Parts detached and stored elsewhere	Mortar repairs	☐ Edging repair☐ Filling of interstices between tesserae
new support □ Other type of support: □ Surface treatment □ Chemical cleaning □ Mechanical abrasion □ Application of a surface product (resin, wax, etc.) □ Other: □ Parts detached and stored elsewhere □ Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used,	Reintegration of lacunae	$\square$ with pieces of stone, brick or other material inserted
☐ Mechanical abrasion ☐ Application of a surface product (resin, wax, etc.) ☐ Other: ☐ Parts detached and stored elsewhere ☐ Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used,	, ,	
☐ Parts detached and stored elsewhere ☐ 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)	Surface treatment	☐ Mechanical abrasion ☐ Application of a surface product (resin, wax, etc.)
	☐ Parts detached and stored e	elsewhere

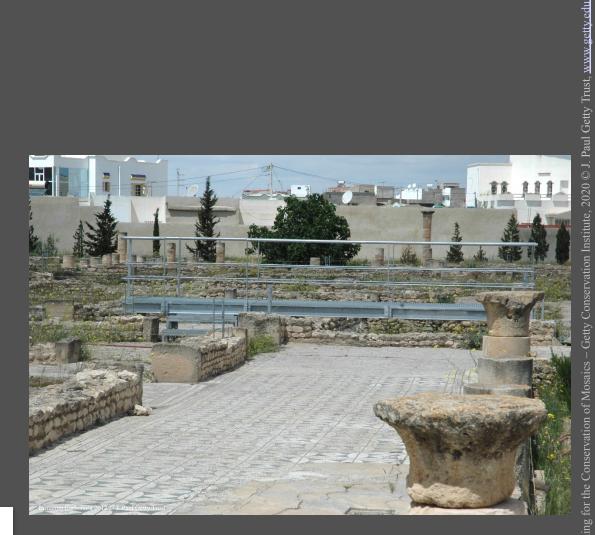
STUDY PHASE

DATA FORM NO. 2 – PREVIOUS INTERVENTIONS

□ Drainage □ Open shelter □ Wall stabilization Removable cover □ Closed shelter □ Closed shelter □ Access barrier: □ Wall stabilization walkway

DATES OF PREVIOUS INTERVENTIONS CARRIED OUT AND INFORMATION SOURCES

PREVIOUS INTERVENTIONS AROUND THE MOSAIC



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PREVIOUS INTERVENTIO	NS ON THE MOSAIC	
Mortar repairs	☐ Infilling of lacunae ☐ Edging repair ☐ Filling of interstices between ☐ Grouting of voids between	
Reintegration of lacunae	☐ with tesserae ☐ with pieces of stone, bring into the mortar	ck or other material inserted
Lifting and relaying on a new support	☐ Reinforced concrete/cer☐ Other type of support:	
Surface treatment	☐ Chemical cleaning ☐ Mechanical abrasion ☐ Application of a surface ☐ Other:	product (resin, wax, etc.)
☐ Parts detached and stored	elsewhere	
□ Reburial (Draw a vertical section provide the total thickness and the	n of the reburial: describe the fill materials thickness of each layer)	s and separation membranes used,
PREVIOUS INTERVENTIO	NS AROUND THE MOSAIC	
☐ Drainage ☐ Removable cover ☐ Access barrier:	☐ Open shelter☐ Closed shelter	☐ Wall stabilization☐ Other:

DATES OF PREVIOUS INTERVENTIONS CARRIED OUT AND INFORMATION SOURC
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First: on discovery of the pavement by archaeologists in 1969. Second: in the 1980s

Source: Mr. Hamza, site guard

		MOSAIC ID////
PREVIOUS INTERVENTIO	NS ON THE MOSAIC	
Mortar repairs	☐ Infilling of lacunae ☐ Edging repair ☐ Filling of interstices be ☐ Grouting of voids betw	
Reintegration of lacunae	<ul><li>□ with tesserae</li><li>□ with pieces of stone, be into the mortar</li></ul>	orick or other material inserted
Lifting and relaying on a new support	☐ Reinforced concrete/co☐ Other type of support	
Surface treatment	☐ Chemical cleaning ☐ Mechanical abrasion ☐ Application of a surfac ☐ Other:	te product (resin, wax, etc.)
☐ Parts detached and stored €	elsewhere	
PREVIOUS INTERVENTION	NS AROUND THE MOSAIC	
□ Drainage □ Removable cover □ Access barrier:	☐ Open shelter ☐ Closed shelter	☐ Wall stabilization☐ Other:
DATES OF PREVIOUS INTERVEN	NTIONS CARRIED OUT AND INI	FORMATION SOURCES

### **LEGEND - PREVIOUS INTERVENTIONS MAP**

MOSAICID / / /

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Mortar	repairs
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Infilling of lacunae

2----

Edging repair

Outline of each infilling or edging mortar  $\,$ 

-

Overlapping between mortar layers (new ) > old)

Filling of interstices between tesserae

#### Reintegration of lacunae

Reintegration with tesserae

Reintegration with:

#### **Detached mosaics**

Outline of the support panels of a detached mosaic re-laid in situ

Location of the metal reinforcements of the support panels

Parts detached and stored elsewhere

### Other types of interventions

Reburial outline

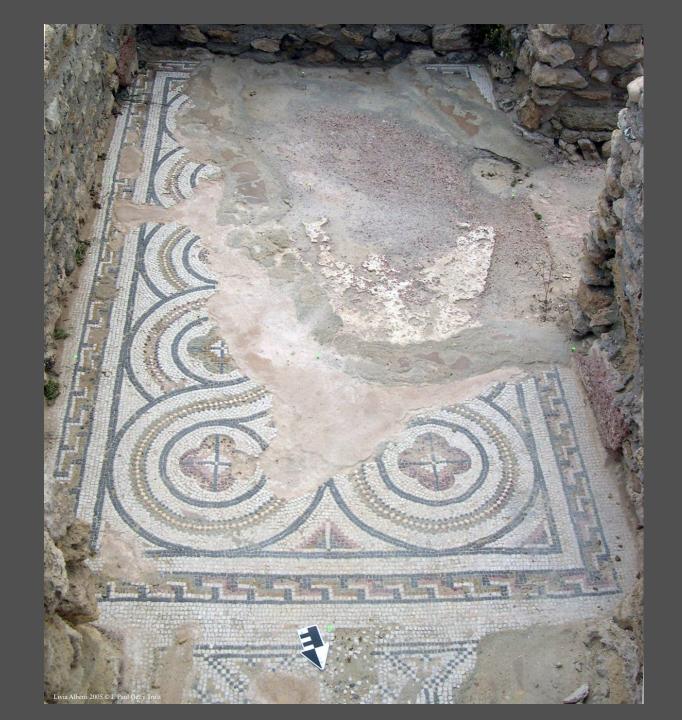
Drainage openings

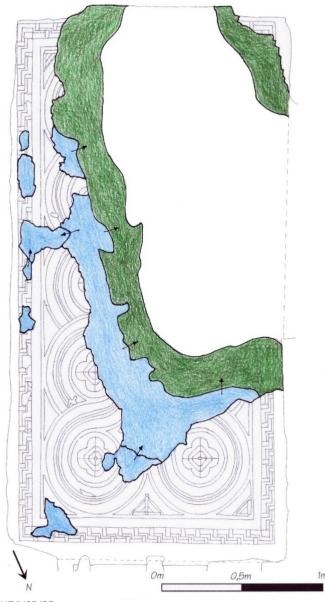
PREPARED BY

## CASE STUDY

Hergla, Tunisia

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





ID: HE/H2P/25

TITLE: Previous Interventions Map

DATE: June 2005

Prepared by: Mohamed Said

Base made on: June 2005

### **LEGEND - PREVIOUS INTERVENTIONS MAP**

MOSAICID HE, HP2, 25

June 2005

DATE

	Mortar repair	rs ·
		Infilling of lacunae
isie		Edging repair
me de 1 un		Outline of each infilling or edging mortar
ди Ратпто	-	Overlapping between mortar layers (new → old)
National		Filling of interstices between tesserae
LLWB Albetti, Efsi Bourguagnon, I nomas Koby 2008, 2011, 2013 © J. Paul Getty Trust and institut National du Patrimone de Lunise		
Getty In	Reintegration	n of lacunae
- Family		Reintegration with tesserae
2011, 2013 (		Reintegration with:
(oby 2008)	Detached mo	and the second s
l homas r	Detached inc	Outline of the support panels of a detached mosaic re-laid in situ
ourguignon,		Location of the metal reinforcements of the support panels
bern, Elsa K		Parts detached and stored elsewhere
LIVIAA	Other types of interventions	
		Reburial outline
		Drainage openings

Mohamed Said





ID: HE/H2P/25

Base made on: June 2005

TITLE: Previous Interventions Map

DATE: June 2005

Prepared by: Mohamed Said

### **LEGEND - PREVIOUS INTERVENTIONS MAP**

HE, HP2 , 25 ,

	wortar repai	rs
		Infilling of lacunae
Sie		Edging repair
me de Lumi		Outline of each infilling or edging mortar
ли Раппро		Overlapping between mortar layers (new → old)
National		Filling of interstices between tesserae
, and institu		
retty Irus	Reintegratio	n of lacunae
. Paul C		Reintegration with tesserae
ULIVIA Alberti, Elsis Bourguagnon, I nomas Koby 2008, 2011, 2013 © J. Paul Getty Trust and institut National du Partinome de Lunisc		Reintegration with :
by 2008,		
as Ko	Detached mo	osaics
on, I hom		Outline of the support panels of a detached mosaic re-laid in situ
Sourguign		Location of the metal reinforcements of the support panels
berti, Elsa l		Parts detached and stored elsewhere
LIVIA AI	Other types of interventions	
		Reburial outline
		Drainage openings

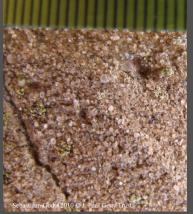
Mohamed Said PREPARED BY

June 2005

## Mortar characteristics



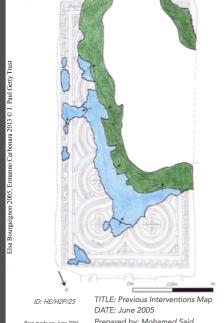






DATA FORM NO.	2 - PREVIOUS INTERVENTIONS STUDY	Y PHASE	
	MOSAIC ID_HE_/HP2/_25_	<u>/</u>	
PREVIOUS INTERVE	NTIONS ON THE MOSAIC		
Mortar repairs	<ul> <li>Infilling of lacunae</li> <li>Edging repair</li> <li>Filling of interstices between tesserae</li> <li>Grouting of voids between preparatory layers</li> </ul>		
Reintegration of lacunae	e ☐ with tesserae ☐ with pieces of stone, brick or other material inserted into the mortar	LEGEND - PREVIOUS INTERVE	N
Lifting and relaying on a new support	☐ Reinforced concrete/cement support☐ Other type of support:		_
Surface treatment	☐ Chemical cleaning ☐ Mechanical abrasion ☐ Application of a surface product (resin, wax, etc.) ☐ Other:	Mortar repairs ਤੁੰਤੂ L Unfilling of lacunae	
☐ Parts detached and st		.ii Edging repair	
Reburial (Draw a vertical section of the reburial: describe the fill materials and separation membranes used,		Outline of each infilling or edging	g m
provide the total thickness of	and the thickness of each layer)	Overlapping between mortar lay	ers
		Infilling of lacunae    Edging repair	sera
		면 (단) Reintegration of lacunae	
		Reintegration with tesserae	
		Reintegration with:	
DDEVIOUS INTERVE	NTIONS AROUND THE MOSAIC	Detached mosaics	
☐ Drainage	Open shelter	Outline of the support panels of	a d
☐ Removable cover ☐ Access barrier:	☐ Closed shelter ☐ Other:	Location of the metal reinforcem	ent
DATES OF PREVIOUS INT	ERVENTIONS CARRIED OUT AND INFORMATION SOURCES	Parts detached and stored elsew	her
	of the pavement by archaeologists in 1969.	St. Other types of interventions	
econd: in the 1980 ource: Mr. Hamza		SE Other types of interventions  Reburial outline	
PREPARED BY M	ohamed Said June 2005	S Drainage openings	

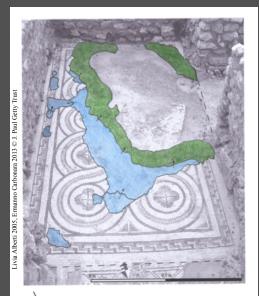
# TIONS MAP MOSAICID HE, HP2, 25, (new <del>)</del> ► old) etached mosaic re-laid in situ ts of the support panels June 2005 PREPARED BY Mohamed Said



Base made on: June 2005

Prepared by: Mohamed Said

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TITLE: Previous Interventions Map DATE: June 2005 Prepared by: Mohamed Said

ID: HE/H2P/25

# Getty













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.

