

Introduction to the sheets

In the Summer Academy 2018, the state of conservation was recorded for tomb no. PN_EN_02 / 04/ 06, PN_OS_29. The mapped damage phenomena is based on the result of the last Summer Academy 2015. Furthermore, additional damage phenomena have been included in the existing list (Summer Academy 2015) to obtain a detailed picture of the state of conservation.

The result is a emergency mapping which is divided in different sections:

The mapping starts with the priority damages, which involves the highest need for intervention and the most complex work, especially in connection with structural damage in the cornice area. Furthermore, damage phenomena on the surface of the plaster layer were mapped, which relate to loss of cohesion and adhesion. The category 'missing elements' marked all areas with different kind of missing parts, whereby the construction of the grave becomes partly recognizable. The last mapping include biological colonization, which is divided in plants/roots as well as biodeterioration, such as moss, algae, fungi.

State of conservation		2015	2018
Priority damages	<ul style="list-style-type: none"> • Collapsing elements from the structure • Movable detachment • Non movable detachment • Cracks 	- ✓ ✓ ✓	new ✓ ✓ ✓
Superficial layer damages	<ul style="list-style-type: none"> • Loss of cohesion (Sanding/ powdering 2015) • Erosion • Flaking • Blistering • Scaling 	✓ - - - ✓	✓ new new new new
Missing elements	<ul style="list-style-type: none"> • Missing elements (masonry) • Missing joint mortar • Lacuna 	- - ✓	new new ✓
Biological colonization	<ul style="list-style-type: none"> • Plants/ Roots • Biodeterioration 	✓ ✓	✓ ✓

In addition, the performed interventions were mapped and the individual steps were captured photographically. The mapping is based on the mapping of the Summer Academy 2015 and included the following interventions:

Treatment	
Emergency securing	<ul style="list-style-type: none"> • Temporary fixation (Dowels/ Fibre glas) • Temporary fixation (Wooden panels & Sticks) • Facing
Interventions	<ul style="list-style-type: none"> • Filling/ Filling cracks • Edging repair • Consolidation • Fix loose elements • Fixation fibre glas • Injection

The following sheets are ordered by tombs (PN_EN_02, 04, 06, PN_OS_29) and walls, beginning with the south side, followed by the west, north and east side of each tomb. The sheets included:

- General overview about the state of conservation
- Mapping of state of conservation (seperated in four parts)
- Description of the treatments, photographic documentation
- Mapping of the treatments

Tomb	Wall	Category		Name of the file
PN_EN_02		State of Conservation		
	South	Mapping: State of Conservation	Priority damages	Sheet 1
			Superficial layer damages	Sheet 1.1
			Missing elements	Sheet 1.2
			Biological colonization	Sheet 1.3
		Conservation Treatment	Upper part	Sheet 1.4
			Lower part – Stone base- ment	Sheet 1.5
		Mapping: Treatment		Sheet 1.6
	West	Mapping: State of Conservation	Priority damages	Sheet 2
			Superficial layer damages	Sheet 2.1
			Missing elements	Sheet 2.2
			Biological colonization	Sheet 2.3
	North	Mapping: State of Conservation	Priority damages	Sheet 3
			Superficial layer damages	Sheet 3.1
			Missing elements	Sheet 3.2
			Biological colonization	Sheet 3.3
PN_EN_04		State of Conservation		
	South	Mapping: State of Conservation	Priority damages	Sheet 1
			Superficial layer damages	Sheet 1.1
			Missing elements	Sheet 1.2
			Biological colonization	Sheet 1.3
		Conservation Treatment		Sheet 1.4
		Mapping: Treatment		Sheet 1.5
	North	Mapping: State of Conservation	Priority damages	Sheet 2
			Superficial layer damages	Sheet 2.1
			Missing elements	Sheet 2.2
			Biological colonization	Sheet 2.3
		Conservation Treatment		Sheet 2.4
	North/East	Conservation Treatment	Upper part of the corner	Sheet 2.5
		Mapping: Treatment	Emergency securing	Sheet 2.6
				Sheet 2.7
				Sheet 2.8
	East	Mapping: State of Conservation	Priority damages	Sheet 3
			Superficial layer damages	Sheet 3.1
			Missing elements	Sheet 3.2
			Biological colonization	Sheet 3.3
			Basement	Sheet 3.3.1

		Conservation Treatment	Upper part	Sheet 3.4
			Wall	Sheet 3.5
			Wall (lower part)	Sheet 3.6
			Basement	Sheet 3.7
		Mapping: Treatment		Sheet 3.8
				Sheet 3.9
				Sheet 3.9.1
PN_EN_06		State of Conservation		
	South	Mapping: State of Conservation	Priority damages	Sheet 1
			Superficial layer damages	Sheet 1.1
	North	Mapping: State of Conservation	Priority damages	Sheet 2
			Superficial layer damages	Sheet 2.1
			Biological colonization	Sheet 2.2
		Conservation Treatment		Sheet 2.3
		Mapping: Treatment		Sheet 2.4
PN_OS_29				
	South	Mapping: State of Conservation	Priority damages	Sheet 1
			Superficial layer damages	Sheet 1.1
			Missing elements	Sheet 1.2
			Biological colonization	Sheet 1.3
	West	Mapping: State of Conservation	Priority damages	Sheet 2
			Superficial layer damages	Sheet 2.1
			Missing elements	Sheet 2.2
			Biological colonization	Sheet 2.3
	North	Mapping: State of Conservation	Priority damages	Sheet 3
			Superficial layer damages	Sheet 3.1
			Missing elements	Sheet 3.2
			Biological colonization	Sheet 3.3
	East	Mapping: State of Conservation	Priority damages	Sheet 4
			Superficial layer damages	Sheet 4.1
			Missing elements	Sheet 4.2
			Biological colonization	Sheet 4.3