

		
		

Pilot objects	FRESH MATERIAL
Bay (date)	samples: LBW/Fyn/gestr/1 LBW/Fyn/gestr/2 LBW/Fyn/gestr/3
Exposure - protective glazing	-
Composition of the product	Epoxy resin (two components), mixing ratio: 10g resin : 3,2g hardener (resin heated to 80°C)
Application: date (age of product) ; studio ; protocol	2008 Cologne Cathedral, application 1 times, only at sand blasted glasses
<b>Morphology</b>	
Direct observation	at blank surfaces the material contract themself in the middle of the glass, at the rough surfaces good results
SEM observation	-
Desktop Xrays tomography	-
Synchrotron tomography	-
<b>Chemical behaviour</b>	
FTIR	-
Raman	-
<b>Mechanical behaviour</b>	
	stable at rough surfaces
<b>Contamination</b>	
Fungi	medium
Bacteriae	no
<b>Active infestation</b>	
Biological activity	high
<b>Microbiological susceptibility</b>	
	eventually under moist conditions and roughness increases susceptibility
<b>Reversibility</b>	
Product 1	not intended it might be possible with acetone
Product 2	
<b>Re-treatability</b>	
Product 1	not intended
Product 2	
<b>General observations</b>	
<b>Recommendations</b>	
Safety/healthy	mask, glove and air exhaust for safety application.
Preparation	setting time 48h
Application	edge bonding: apply along break edges before placing firmly together.
Future conditions of conservation	still used for single fractures