



Sicilgesso Spa SS 113 KM 335,700 - Alcamo Diramazione - 91013 Calatafimi Segesta (TP) IT
T +39 0924 505446 - F +39 0924 505449 - sicilgesso@sicilgesso.it - www.sicilgesso.it
CF/P.IVA 00060760816 - CCIAA Trapani n. 37956 - Registro Imprese Trapani n. 1547 - Cap. soc. €837.000 i.v

DECLARATION OF PERFORMANCE

N° DoP DIAMANT CONSOLIDA 30-03

- Unique identification code of the product-type:** DIAMANT CONSOLIDA 30.
- Intended use/es:** Modified polymer hydraulic mortar (PCC) for the protection and structural repair of concrete for uses in buildings and civil engineering works.
- Manufacturer:** Sicilgesso Spa (MGI Group) SS 113 KM 335,700 Alcamo Diramazione, 91013 Calatafimi Segesta (TP) Tel +39-0924-505446 Fax +39-0924-505449 www.sicilgesso.it - sicilgesso@sicilgesso.it
- System/s of AVCP:** System 2+ plus 4 (UNI EN 1504-3)
System 4 (UNI EN 998-1)
- Harmonised standard:** UNI EN 998-1 e UNI EN 1504-3
Notified body/ies: The notified laboratory GEOLAB Srl n. 1307, performed the initial inspection of the manufacturing plant and of the factory production control and the surveillance, assessment and continuous verification of the factory production control, according to system 2+, and issued the certificates of conformity of the production control in factory n. 1307-CPR-0217.
- Declared performance/s:**

ESSENTIAL CHARACTERISTICS	PERFORMANCE	HARMONISED TECHNICAL SPECIFICATION
Compressive strength	R3 class	UNI EN 1504-3:2006
Chloride ion content	≤0.05%	
Adhesive bond	≥1.5 MPa	
Carbonation resistance	Pass	
Elastic modulus	16.14 GPa	
Thermal compatibility, Freeze-thaw	≥1.5 MPa	
Capillary absorption	≤0.5 kg/(m ² ·h ^{0.5})	
Reaction to fire	A1 class	
Dangerous substances	See SDS	
ESSENTIAL CHARACTERISTICS	PERFORMANCE	HARMONISED TECHNICAL SPECIFICATION
Reaction to fire	A1 Class	UNI EN 998-1:2016
Capillarity water absorption	W _c 2	
Water vapour permeability	7	
Adhesion	≥1.5 N/mm ² - FP: B	
Thermal conductivity λ _{10,dry,mat} (P=50%) (tab. value)	0.71 W/(m·K)	
Durability	NPD	
Dangerous substances	See SDS	

- Appropriate Technical Documentation and/or Specific Technical Documentation:** Reaction to fire performance declared without the need for testing based on Commission Decision 96/603/EC and subsequent amendments. Organic content <1% in weight.
Test report no. 51758 of 12/08/2016 for the determination of the water vapor permeability.
Test report no.1307/16/3503 of 10/10/2016 for the determination of thermal compatibility, carbonation resistance and elastic modulus in compression.

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.



Signed for and on behalf of the manufacturer by:
Chief Executive Officer
Eng. Marzio Bresciani



At Calatafimi Segesta

on 15/07/2021



Sicilgesso Spa SS 113 KM 335,700 - Alcamo Diramazione - 91013 Calatafimi Segesta (TP) IT
T +39 0924 505446 - F +39 0924 505449 - sicilgesso@sicilgesso.it - www.sicilgesso.it
CF/P.IVA 00060760816 - CCIAA Trapani n. 37956 - Registro Imprese Trapani n. 1547 - Cap. soc. €837.000 i.v

 1307	 Sicilgesso® GESSO. MALTE TECNICHE. Gruppo MGI SS 113 KM 335,700 Alcamo Diramazione, 91013 Calatafimi Segesta (TP) Tel +39-0924-505446 Fax +39-0924-505449 www.sicilgesso.it - sicilgesso@sicilgesso.it																		
N° DoP- DIAMANT CONSOLIDA 30-03 DIAMANT CONSOLIDA 30 17 1307-CPR-0217 UNI EN 1504-3:2006 Hydraulic mortar for the structural repair of concrete for uses in buildings and civil engineering works																			
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Compressive strength</td> <td>R3 class</td> </tr> <tr> <td>Chloride ion content</td> <td>≤0.05%</td> </tr> <tr> <td>Adhesive bond</td> <td>≥1.5 MPa</td> </tr> <tr> <td>Carbonation resistance</td> <td>Pass</td> </tr> <tr> <td>Elastic modulus</td> <td>16.14 GPa</td> </tr> <tr> <td>Thermal compatibility, Freeze-thaw</td> <td>≥1.5 MPa</td> </tr> <tr> <td>Capillary absorption</td> <td>≤0.5 kg/(m²·h^{0.5})</td> </tr> <tr> <td>Reaction to fire</td> <td>A1 class</td> </tr> <tr> <td>Dangerous substances</td> <td>See SDS</td> </tr> </table>		Compressive strength	R3 class	Chloride ion content	≤0.05%	Adhesive bond	≥1.5 MPa	Carbonation resistance	Pass	Elastic modulus	16.14 GPa	Thermal compatibility, Freeze-thaw	≥1.5 MPa	Capillary absorption	≤0.5 kg/(m ² ·h ^{0.5})	Reaction to fire	A1 class	Dangerous substances	See SDS
Compressive strength	R3 class																		
Chloride ion content	≤0.05%																		
Adhesive bond	≥1.5 MPa																		
Carbonation resistance	Pass																		
Elastic modulus	16.14 GPa																		
Thermal compatibility, Freeze-thaw	≥1.5 MPa																		
Capillary absorption	≤0.5 kg/(m ² ·h ^{0.5})																		
Reaction to fire	A1 class																		
Dangerous substances	See SDS																		

 	 Sicilgesso® GESSO. MALTE TECNICHE. Gruppo MGI SS 113 KM 335,700 Alcamo Diramazione, 91013 Calatafimi Segesta (TP) Tel +39-0924-505446 Fax +39-0924-505449 www.sicilgesso.it - sicilgesso@sicilgesso.it														
N° DoP- DIAMANT CONSOLIDA 30-03 DIAMANT CONSOLIDA 30 16 UNI EN 998-1:2016 General purpose rendering/plastering mortar (GP)															
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Reaction to fire</td> <td>A1 Class</td> </tr> <tr> <td>Capillarity water absorption</td> <td>W_c 2</td> </tr> <tr> <td>Water vapour permeability</td> <td>7</td> </tr> <tr> <td>Adhesion</td> <td>≥1.5 N/mm²- FP: B</td> </tr> <tr> <td>Thermal conductivity λ_{10,dry,mat} (P=50%) (tab. val.)</td> <td>0.71 W/(m·K)</td> </tr> <tr> <td>Durability</td> <td>NPD</td> </tr> <tr> <td>Dangerous substances</td> <td>See SDS</td> </tr> </table>		Reaction to fire	A1 Class	Capillarity water absorption	W _c 2	Water vapour permeability	7	Adhesion	≥1.5 N/mm ² - FP: B	Thermal conductivity λ _{10,dry,mat} (P=50%) (tab. val.)	0.71 W/(m·K)	Durability	NPD	Dangerous substances	See SDS
Reaction to fire	A1 Class														
Capillarity water absorption	W _c 2														
Water vapour permeability	7														
Adhesion	≥1.5 N/mm ² - FP: B														
Thermal conductivity λ _{10,dry,mat} (P=50%) (tab. val.)	0.71 W/(m·K)														
Durability	NPD														
Dangerous substances	See SDS														

Sicilgesso provides this annex together with the DoP to facilitate the consultation of the CE marking by customers. The marking shown here may differ from that printed on the packaging due to:

- graphic reworkings,
- use of a different language,
- product already in stock at the time of the mark updating,
- printing errors.