



Values several Trials

Product:
100% Pure Polyurea
TECNOCOAT P-2049

Water Vapor Transmission
Slip resistance
Fatigue resistance
Fire classification

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Water vapor transmission

TEST	NORM	RESULT	
Determination of water transmission properties	UNE-EN 1931:2001	μ : 2239+/-242	
Water tightness	EOTA TR003	Satisfactory	
Resistance to delamination (Adherence) KPa)	EOTA TR004	Concrete (with primer)	63600+/-24500
		Cerámica (with primer)	23860+/-8240
		Espuma de poliuretano	5970+/-1550
Dynamic puncture resistance	EOTA TR006	Acero (with primer)	Sin rotura
		Espuma Poliuretano	Sin rotura
Static puncture resistance	EOTA TR007	Acero (with primer)	Sin rotura
		Espuma Poliuretano	Sin rotura

Slip resistance

TEST	NORM	RESULT	
Determination of slip resistance	UNE-EN 13893:2003	Perpendicular	μ : 0,64+/-0,03
		Paralel	μ : 0,53+/-0,05
tensile strength (N/mm ²)	UNE-EN ISO 527-1-3:1996	Applied art at 50°C	48,2 +/-3,6
		Applied aert at 4°C	24,5 +/-1,4
Resistance to delamination (Adherence) KPa)	EOTA TR006 EOTA TR003	Steel With primer Print applied to 50 ° C	Without Breaking
		Steel With primer Print applied at 4 ° C	Without Breaking
Determination gives the grip on the same product (day joints) (KPa)	EOTA TR004	Concrete (with primer)	47900+/-8400
Analysis by infrared spectroscopy	Internal	Component-A	Isocyanate
		Component-B	Poliol
Determinación de la viscosidad (cp)	UNE-EN ISO 2555:2000	Component-A	1110 +/- 0
		Component-B	1375 +/- 1

Fatigue resistance

TEST	NORM	RESULT	
Fatigue resistance	EOTA TR 008	Concrete (with primer)	Without Breaking
Effect of low temperature (-20 ° C) (Dynamic puncturing)	EOTA TR 006	Steel (with primer)	Without Breaking
Heat aging resistance (dynamic puncturing)	EOTA TR 011 EOTA TR 006	Steel (with primer)	Without Breaking
Resistance to heat aging (fatigue)	EOTA TR 011 EOTA TR 006	Steel (with primer)	Without Breaking
Tensile strength before and after heat aging (N/mm ²)	EOTA TR 011 UNE-EN ISO 527-1-3:1996	Free movie	38,59 +/- 1,58
		Free movie aging	33,23 +/- 4,18
Resistance to aging effects of UV radiation damp (puncture)	EOTA TR 010 EOTA TR 006	Steel (-10 °C)	Without Breaking
Resistance to aging effects of UV radiation with moisture (Tensile)	EOTA TR 010 UNE-EN ISO 527-1-3:1996	13,19 +/- 1,4	
Water-aging resistance (Punch-static)	EOTA TR 012 EOTA TR 007	Steel (With primer)	Sin rotura
		Polyurethane foam	Sin rotura
Water-aging resistance (Grip) (KPa)	EOTA TR 012 EOTA TR 004	Polyurethane foam	1480 +/- 870
		Ceramics (With primer)	3650 +/- 740

Fire classification

TEST METHOD	PARAMETER	RESULT (Poliurethane Base)	RESULT (Ceramic Base) ^o	RESULT (Concrete Base)
UNE-EN ISO 11925-2:2002	$F_s \leq 150$ mm	YES	YES	YES
	Information filter paper	NO	NO	NO
	Gotas / Partículas en llamas	NO	NO	NO
CLASSIFICATION OF REACTION TO FIRE: E				

Note: The information in these values is based on our own current knowledge and existing laws of EU and national. The product should not be used for purposes other than those specified. It is always your responsibility to take necessary measures to comply with the requirements of existing laws. The information contained in these pages should not be considered as a guarantee of its properties.