



CHEMICAL ANCHOR OF EPOXY RESIN

APPLICATIONS

CONCRETE
STONE

MASONRY
SOLID WALLS



Data

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Technical Information

Physicochemical characteristics of the polymer:

Th:	Specimens cured at room temperature for 10 days cured of 2 hours at 35 ° C.
T amb.:	Enviromental temperature (13°C - 17°C)
Shore D:	Durometer Shore, Ranking (A-D) (0-100)

Comparative Tests	AQ-550	X
p.e.p. (%)	50	30
Shore D. T amb. 19° (Shore D)	80-84	80-84
Shore D. T amb. + T h (Shore D)	80-84	80-84
Máxima exoterma, m= 75g T. amb 19°C (°C)	95	>99
Tiempo de gel, (min)	32	45
Absorción agua, UNE 53028, (%)	0,012	0,017
Resistencia a la compresión, ASTM D-695, (Kg/cm ²)	893	899
Resistencia a la tracción, ASTM D-638, (Kg/cm ²)	415	496
Elongación a la rotura ASTM D-638, (%)	1,8	1,95
Adhesión sobre mármol T. amb. 2d, (Kg/cm ²)	58-59	41-42
Adhesión sobre plancha de acero T. amb. 2d, (Kg/cm ²)	5-10	5-10
Adhesión sobre cerámica trasdós T.amb, 2d, (Kg/cm ²)	61-62	48-49
HDT, Temperatura de termodistorsión, (°C)	45	50
Resistencia Volumétrica, ASTM D-257, (ohm x cm)	53,10x10 ¹⁴	60,72x10 ¹⁴
Resistencia Superficial, ASTM D-257, ohm	37,10x10 ¹²	34,20x10 ¹²

Laboratory test applications in R&D+I



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