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TECHNICAL BULLETIN

BULLETIN No. FFILL/MMIX/MMIXHD/844SP-087

FLEXCRETE STRUCTURAL REPAIR MORTARS COMPLIANCE AND SUITABILITY FOR USE WITH EXPOSURE CLASSES TO EN206-1

JUNE, 2017

Properties of Flexcrete Structural Repair Mortars

Product	Maximum Water : Cement ratio	Cement Content (kg/m ³)	Freeze thaw resistance EN 13687-1 with de-icing salt	Sulphate resistance 5% MgSO ₄	Abrasion resistance BS EN 13813-2002	Characteristic Strength (MPa)
FASTFILL	< 0.35	>400	Class R4	√	Class AR 0.5	60
MONOMIX HD	<0.37	>400	Class R4	√	Class AR 0.5	56
MONOMIX	<0.40	>400	Class R4		Class AR 6	42
MONOLEVEL 844SP	<0.36	>400	Class R4	√	Class AR 6	60

Compliance /Suitability for use with Exposure Classes to EN206-1:2000

Product	No risk of corrosion or attack	Carbonation-induced corrosion					Chloride-induced corrosion						Freeze thaw attack				Aggressive Chemical Environments		
							Sea water			Chloride other than from sea water									
		X0	XC 1	XC 2	XC 3	XC 4	XS 1	XS 2	XS 3	XD 1	XD 2	XD 3	XF 1	XF 2	XF 3	XF4	XA 1	XA 2	XA 3
FASTFILL	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	
MONOMIX HD	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	
MONOMIX	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√			
MONOLEVEL 844SP	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	