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Rapid Resin Anchor EA

Larsen Rapid Anchor EA is a styrene free, epoxy acrylate, rapid setting chemical anchor for solid and hollow substrates. Designed for heavy load carrying applications in solid stone or concrete and medium load applications in hollow bricks. Ideal for the anchoring fixings, rebar and threaded collars or for repairing broken concrete. Also suitable as a bonding agent for concrete, timber and metals.

Product Code	Colour	Size (ml)	Pack Size (no)	Pallet Size (no)
RAEA	Light Grey	300	12	600



TECHNICAL INFORMATION

PRODUCT INFORMATION									
FORM	2 part paste								
COLOUR	Light Grey (A: Beige B: Black)								
HAZARD INFORMATION:	Epoxy Acrylate Resin - Consult Safety Datasheet before use								
CLEANING:	Clean tools, equipment, etc. using suitable solvent. Mechanical means are necessary when the product has set.								
PACKAGING:	300ml 2part cartridge								
STORAGE INSTRUCTIONS:	Store unopened containers in a cool, dry, well ventilated location away from extremes of temperature and sources of ignition.								
SHELF LIFE:	12 months in unopened manufacturer's containers								
APPLICATION INFORMATION									
MIXED DENSITY	1.8 kg/L								
APPLICATION TEMP:	0 to +30°C								
SUBSTRATE TEMPERATURE	0°C	5°C	10°C	15°C	20°C	25°C	30°C		
WORKING TIME:	45min	25min	15min	10min	8min	5min	4min		
LOADING TIME:	3hr	2hr	1hr30min	1hr	45min	30min	20min		
TYPICAL PERFORMANCE INFORMATION									
COMPRESSIVE STRENGTH	>60MPa								
COMPRESSIVE MODULUS	7400 MPa								
PERFORMANCE FOR RODS IN CONCRETE (safety factor for tension load is 3)									
ANCHOR						RESISTANCE		ADMISSABLE LOADS	
	Drill Diameter	Embed depth	Edge distance	Anchor distance	Torque moment	Characteristic Resistance	Concrete C20/25	Concrete C20/25	
Rod Class	d _b /mm	h _{ef} /mm	C _{cr} /mm	S _{cr} /mm	T _{inst} / N.m	Tensile N _k /kN	Tensile (kN)	Shear (kN)	
M8	10	80	80	160	10	19.9	6.6	8.1	
M10	12	90	90	180	20	34.8	11.6	12.9	
M12	14	110	110	220	40	41.7	13.9	18.7	
M16	18	125	125	250	80	67.5	22.5	34.9	
M20	24	170	170	340	100	114.8	38.3	54.4	