

SR 632 / SD 7262

Epoxy system for wet substrate and underwater application

Description

SR 632 / SD 7262 hardens on wet substrate or under water from 10°C minimum. The use of accelerator SA 300 permit a hardening from 5°C or faster cure.

This epoxy system has been formulated for emergency repairs under difficult conditions (High humidity, low temperature).

SR 632 / SD 7262 can be used with glass, carbon and aramid reinforcements.

Mixing ratios

	By Weight	By Volume		
SR 632	100 g	100 ml	or	2
SD 7262	48 g	50 ml		1

Pot-life

Non accelerated:	17 minutes on 500 g mix @ 20 °C
1% of SA 300:	8 minutes on 500 g mix @ 20 °C
2% of SA 300:	6 minutes on 500 g mix @ 20 °C

Application

SR 632 / SD 7262 bond onto numerous substrates: epoxy and polyester composites, polyurethane, wood, steel, anodised aluminium, glass... when possible degrease the substrate with a solvent (Acetone, Methylethyl cetone, alcohol), then sand with coarse sand paper.

Respect accurately the mixing ratio, mix thoroughly during two minutes the two components.

Wet substrate: Dry it if possible and sand.

Under water: Sand the area to be repaired, cut the fabrics to size, laminate them one by one on a plastic film and apply it on the area to repair. With a spatula push air and water out by squeegeing from the middle of the laminate to the outside. Leave the plastic film till the resin is hard.

Acceleration

SA 300 is a powerful accelerator for epoxy resins.

It is efficient at low ratio and do not modify the properties of the formulated epoxy systems.

SA 300 is mixed with the resin part first before adding the hardener or after the mix resin / hardener.

Do not add SA 300 directly in the hardener.

Mixing ratio: 0.2 to 3% on the resin quantity.

Example: 450 ml of accelerated mix at 1%

	Mixing ratio		
	By Weight	By Volume	
Resin SR 632	297	297	
SA 300	3	3	(1cap= 10 ml 3ml = 1/3 of cap)
			Mix before adding the hardener
SD 7262	144	150	Mix during 1 to 2 minutes

Toxicity / Handling advice

SD 7262 is formulated with phenol, work with protective gloves.

In case of contact with the skin, wash quickly with soap.

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