RONASS UNDERWATER GLASS FLAKE EPOXY PUTTY
RTB-1284 (A&B COMPONENTS)

Heavy-duty two-component epoxy filler specifically formulated for splash zone areas and underwater curing. It has excellent filling properties and adhesion capabilities for both dry and wet surfaces, along with remarkable mechanical resistances.

USES

Recommended Uses	RTB-1284 is specifically designed for application underwater or in very wet areas as a filler or crack repair compound for poorly prepared metal and concrete substrates. It has been designed to be used with RTB-1285 (Ronass Underwater GF Epoxy Coating) and other similar products. Ideal for use on wet and saturated metal and concrete surfaces. Can be applied to hand prepared or hydro-blasted surfaces.

CHEMICAL COMPOSITION

Type of Binder	Epoxy Vinyl – Polyamide	Solid Content After Mixing	100% By Weight
Number of Component(s)	2 Components		100% By Volume
Curing Mechanism	Chemical Reaction	Flash Point	150°C (300°F)

PHYSICAL PROPERTIES

Finish	Semi flat
Colour	Silver Grey (Comparable to RAL-7001)
Specific Gravityafter Mixing	1.65 ± 0.05 gr/cm³

APPLICATION DETAILS

Surface Preparation	Above Water: Remove all loose contaminations by wire brushing or scraping. For small areas, achieve suitable roughness with a mechanical abrader. For larger areas, a suitable angular metallic or non-metallic abrasive should be chosen to give a minimum profile of 120 Microns. Abrasive blast the surface to Swedish Standard (SIS 5900) Sa 2½. (Roughness: min 120 µm). Underwater: Remove all loose contaminations by wire brushing or scraping. Remove any scale, dirt and grease with waterproof abrasive paper.
Mixing Ratio	Component A: 100 Parts by weight Component B: 40 Parts by weight
Mixing Instructions	Mix component A thoroughly with a suitable mixer, then add component B slowly and mix well for 5 minutes. Keep the mixture for 5 additional minutes prior to thinning down to allow for the pre-reaction time.
Pot Life	3.5 Hours at 5°C | 3 Hours at 10°C | 2.5 Hours at 15°C | 2 Hours at 20°C
Theoretical Consumption	1700 gr/m² @ 1000 Microns DFT
Thinning	Never thin down product
Method of Application	Trowel | Spreading Knife | Spatula | Mitts

Film Thickness

Wet Film Thickness (µm)	Up to 5000 Microns
Dry Film Thickness (µm)	Up to 5000 Microns

Drying Time

	5°C	10°C	15°C	20°C
Curing Time	12 Hours	10 Hours	8 Hours	6 Hours
Complete Curing Time	14 Days	11 Days	9 Days	7 Days
Recoating Time	Unlimited			

Application Limits

Relative Humidity	Min. ---	Max. ---
Temperature	Min. +5°C	Max. +40°C

Recommendations: Clean tools thoroughly before and immediately after use with T-445.

PACKING, STORAGE AND SAFETY

Packing	Component A (Epoxy): 20 L | Component B (Hardener): 10 L
Storage Conditions	To be stored in cool and dry conditions in original sealed containers.
Shelf Life	At least 12 months after delivery in original sealed containers and proper storage conditions with temperature of 25°C.
Safety	This product contains organic solvents and flammable materials. Keep away from sparks, fires, electrical cables and equipments,direct sunshine and out of children's reach. Protect skin, eyes, and avoid prolonged breathing of solvent vapor during application. Use with adequate ventilation.