

DENSIL NR-70

Inorganic ceramic waterproofing



NR-70 is inorganic ceramic waterproofing and composed of NR-70(P) inorganic powder, NR-70V(B) copolymerization polymer emulsion and NR-70 topcoat. NR-70 offers excellent crack resistance for buildings. It has good elasticity, adhesion and durability thus it is suitable for indoor waterproofing which requires elastic film.

Usage

Waterproofing for bathrooms, verandas and balcony etc. various buildings, engineering works material

Specification

Paint type	Copolymer polymer emulsion / Powder		
Characteristics	<ul style="list-style-type: none">· Easy to use· Good adhesion on curved surfaces· Excellent elasticity and waterproof· Inorganic and nontoxic· Multi-purpose· Excellent crack resistance· Good adhesion on plastering or epoxy coatings· Excellent heat resistance, weatherability, freezing tolerance· Outstanding chemical resistance to salt, alkali, etc.· Eco-friendly (NR-70 liquid : APEO Free)· Good moisture and air permeability		
Theoretical coverage	1.4kg/m ² (based on 1mm)	Mixing ratio	Powder/Liquid=27/36(by weight)
Shelf life	12 months (in a dry place, 5~35°C)	Packaging unit	63kg [Powder(27kg), Liquid(18kg X 2EA)]

How to Use

Surface treatment	<ul style="list-style-type: none">· Honeycombs, form tie holes, cracks and cold joints on concrete surfaces should be refinished by NR-70 paste.· To get the best results, ensure surfaces to be painted are sound, clean and dry (new surfaces particularly must be fully dry) and free from contaminants.· If the width of cracks is wider than 0.3mm, v-cut first and refinish using NR-70 paste.· Holes or joints must be refinished by NR-70 paste.
Mixing and application	<ul style="list-style-type: none">· Maintain the mixing ratio. (NR-70 powder : NR-70 liquid = 27kg : 36kg)· Pour NR-70V(B) liquid first and put NR-70(P) powder slowly. Stir thoroughly, using an electric disperser.· Apply uniformly, using rake, brush or roller.· If you paint consecutively, make sure that the first layer of paint is completely dry first.
Curing method	<ul style="list-style-type: none">· NR-70 applied areas must be protected from contamination during curing.· Make sure that rooms being painted have adequate cross-ventilation.· Drying time might vary due to temperature, humidity and thickness of coating.
Repair coating	<ul style="list-style-type: none">· Lifting or poor adhesion area after curing must be cut out and refinished by the same paint.
Precautions	<ul style="list-style-type: none">· Do not apply in temperatures below 5°C.· Please avoid skin contact.· If on skin or eye, wash thoroughly with running water and get a medical treatment.· Keep it away from flames and freezing.
Following applications	<ul style="list-style-type: none">▷ Primer : NR-100 or NEW-WATERPOXY primer▷ Intermediate/top coat : DENSIL NR-70