

CLEANPOXY RETARDANT LINING



This paint is a non-solvent type epoxy paint made mainly of flame retardant epoxy resin and a flame retardant. It suppresses the emission of heavy metals and toxic gases in the event of a fire. It is excellent in durability, water resistance, abrasion resistance, impact resistance and chemical resistance and satisfies the non-burning construction material test. It is an epoxy flame retardant lining paint for concrete floors that has excellent self-smoothness and can be applied at 2-3mm in one coat.

Usage

Indoor dust proof flooring and factory flooring material for concrete floors requiring flame resistance

Specification

Paint type	Flame-retardant epoxy / Modified amine (Two-Component)			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	8 hours	4 hours	2 hours
	Dry-hard	48 hours	24 hours	18 hours
	Over-coat (Min.)	72 hours	48 hours	24 hours
	Over-coat (Max.)	9 days	4 days	3 days
	Pot life	50 minutes	25 minutes	20 minutes
	Above pot life and follow-up coating time have been measured under laboratory conditions and may vary depending on the construction site. The film that has passed the maximum follow-up coating time may have adhesion failure. Please apply after checking the proper surface treatment and adhesion.			
Thinner	Not applicable	Dilution ratio	▷ No dilution ▷ In case of high viscosity in the winter season, dilute within the volume ratio 1%	
Specific gravity	Approx. 1.23 (Green, gray)			
Theoretical Coverage	2.60 kg/m ² (Based on 2 mm)	Solid volume ratio	95±3 %	
Color	Green, gray, other ordered colors	Thickness of dried film	1~2 mm	
Mixing ratio	Base(A)/hardener(B)=3.7/1 (Weight ratio)	Gloss	Glossy	
Shelf life	12 months	Packaging unit	16L (Compounds)	

How to Use

Surface treatment	<ol style="list-style-type: none">1. Cure concrete for at least 28 days at a temperature of 21°C and a relative humidity of 50%.2. Completely remove the oil, moisture, sand, dust, laitance and other foreign matter from the surface and maintain surface smoothness.
Coating Conditions	<ol style="list-style-type: none">1. Atmosphere Temperature: 5~35°C, Surface Temperature: 40°C or below, Relative Humidity: 80% or less, Moisture content in the concrete: 6% or less2. Please note that due to the nature of epoxy paint, discoloration and chalking may occur if exposed to the outdoor environment.3. The use of a thinner more than the recommended amount causes further delay in drying, decline in hardness, whitening, skid marks, color separation, etc.
Coating Method	<ol style="list-style-type: none">1. Reinforce cracks, crevices, and joints between walls and floors with an epoxy putty after primer.2. Add the hardener to the base and use after evenly mixing for 3-5 minutes with a power stirrer.3. Apply smoothly using sawtooth scraper, rubber scraper, pitchfork, square towel, etc.4. In order to prevent air bubbles on the lining surface, there should be no missing area on the primer, and it is effective if it is applied by dividing the lining into primary scrapping and secondary main coating. <p>▷ Primer : CLEANPOXY CLEAR PRIMER, CLEANPOXY PENETRATED PRIMER DNY-200 ▷ Intermediate/Top coat : CLEANPOXY RETARDANT LINING ▷ Top coat : CLEANPOXY 3100, CLEANPOXY COATING(Can be painted if necessary, but no retardant effect.) ▷ Putty : NORUSEAL #6600, CLEANPOXY(LO) PUTTY(if necessary)</p>