

DENSIL Hybrid Sealer

Colored



This paint is a two-component transparent coat composed mainly of polymer organic resin and inorganic silicate resin. It is excellent in hardness of dry film, adhesion, durability, abrasion resistance, scratch resistance and dust proofness. It has less odor than conventional solvent type flooring. It is suitable for indoors. It can be used as sealer(primer and topcoat) on various substrate including the surface which applied liquid hardener or colored epoxy protective coating.

Usage

Dust proof flooring material for concrete floors

Specification

Paint type	Epoxy silicate / Modified amine (Two-Component)			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	5 hours	4 hours	3 hours
	Dry-through	24 hours	12 hours	10 hours
	Complete dry(day)	9 days	7 days	4 days
	Pot life	90 mins	60 mins	40 mins
	Over-coat (day)	2~3 days	1~2 days	1~2 days
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	If needed, DR-100L less than 3%	Cleaning thinner	DR-100L	
Specific gravity	about 1.19 (Based on green color)			
Theoretical Coverage	6.6 m ² /ℓ (Based on 100μm)	Solid volume ratio	66±2 %	
Color	Ordered color	Thickness of dried film	50 ~ 100μm	
Mixing ratio	Base(A)/Hardener(B)=4.5/1(Weight ratio)	Gloss	11.5±0.5	
Shelf life	12 months (5~35°C indoor storage)	Packaging unit	17kg [Base(13.89kg), Hardener(3.11kg)]	

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 less2. Please note that due to the nature of epoxy paint, discoloration and chalking may occur if exposed to the outdoor environment.3. In case of over-coating on Densil Hybrid Sealer, sanding and surface treatment should be done before it.4. No dilution is the standard. However, epoxy thinner could be used within 3%, if needed. Excessive dilution may occur gloss-loss or gloss-stain, drying problem.
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. Apply smoothly to the base surface using a roller, etc. after evenly mixing the base and hardener.3. Add the hardener to the base and use after evenly mixing for 3-5 minutes with a power stirrer. <p>▷Primer : DNY-200 ▷Top coat : Densil Hybrid Sealer</p>