

# DENSIL HYBRID SEALER

## Transparent



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℃         | 20℃                     | 30℃                                    |
|                      | 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 minutes | 60 minutes              | 40 minutes                             |
|                      | 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.<br>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          | DR-100L                                |
| Specific gravity     | Approx. 1.05 (Based on transparent)  |            | Thinner                 | If needed, DR-100L less than 3%        |
| Theoretical Coverage | 6.2 m <sup>2</sup> /ℓ (Based on 100μm)   |            | Solid volume ratio      | 66±2 %                                 |
| Color                | Transparent  |            | Thickness of dried film | 50 ~ 100μm                             |
| Mixing ratio         | Base(A)/hardener(B)=3.5/1(Weight ratio)  |            | Gloss                   | Glossy                                 |
| Shelf life           | 12 months (5~35℃ indoor storage)   |            | Packaging unit          | 14kg [Base(10.89kg), Hardener(3.11kg)] |

### How to Use

|                    |  |
|--------------------|--|
| Surface treatment  | <ol style="list-style-type: none"><li>1. Cure concrete for at least 28 days at a temperature of 21°C and a relative humidity of 50%.</li><li>2. Completely remove the oil, moisture, sand, dust, laitance and other foreign matter from the surface and maintain surface smoothness.</li></ol>   |
| Coating Conditions | <ol style="list-style-type: none"><li>1. Atmosphere Temperature: 5~35°C, Surface Temperature: 40°C or below, Relative Humidity: 80% or less</li><li>2. Please note that due to the nature of epoxy paint, discoloration and chalking may occur if exposed to the outdoor environment.</li><li>3. In case of over-coating on Densil Hybrid Sealer, sanding and surface treatment should be done before i</li><li>4. No dilution is the standard. However, epoxy thinner could be used within 3%, if needed.</li><li>5. Excessive dilution may occur gloss-loss or gloss-stain, drying problem.</li><li>6. When applying epoxy to acrylic flooring as a sealer, be sure to check the adhesion and condition of the epoxy through sample painting after proper possession treatment before use.</li></ol> |
| Coating Method     | <ol style="list-style-type: none"><li>1. Reinforce cracks, crevices, and joints between walls and floors with an epoxy putty after primer.</li><li>2. Apply smoothly to the base surface using a roller, etc. after evenly mixing the base and hardener.</li><li>3. Add the hardener to the base and use after evenly mixing for 3-5 minutes with a power stirrer.</li></ol> <p>Appropriate construction specifications</p> <p>▷ Primer : CLEANPOXY CLEAR PRIMER, CLEANPOXY PENETRATED PRIMER DNY-200</p> <p>▷ Top coat : DENSIL HYBRID SEALER</p>   |