QP.ECO-HYGO

(INTERIOR)

General description:

High quality water-based emulsion paint (Vinyl acetate ethylene), with a fine flat finish. It is easily applied in all interior surfaces, odorless, it is a high premium quality washable, high opacity, non-yellowing and high workability. This product was developed and tested to comply with EU standards EN 13300. And it is anti-fungal, anti-bacterial and anti-viruses on painted surfaces in accordance with JIS Z 2801, HGT 3950 standards.

Special Features:

1. Anti-fungal, anti-bacterial and anti-viruses on painted surfaces.
2. Superior durability and high adhesion.
3. Smooth surface painted.
4. Excellent scrub ability.
5. More Whiteness and high opacity (12m^2/l).
6. Odorless, non-Mercury and non-lead
7. Environmentally friendly, non-toxic and non-flammable.
8. The purest air quality in your home (VOC release is under 300µg/m^3).

Application Steps:

Note: Should be applied QP.ECO-HYGO as a first coat directly over QP.SILKY COAT putty.

Note: for old and moldy surfaces, the surface must be cleaned of mold, bacteria and fungi before applying QP.Eco-Hygo.

1- **Preparation of surface:**
   - Cleaned from dirt, oil, or any foreign matter.
   - Treat all cracks, chips and all damage by using QP. CRACK.
   - Scrape well and remove all dust and loose particles from the dry surface.

2- **Priming:** Prime the surface by using QP. BOND to ensure stability, and best possible adhesion.

3- **Plastering:** Use QP. SILKY COAT prior to application, if the surfaces are uneven or very porous substrates, it is recommended to apply two layers

4- Dilution:

The dilution is as follows:

- Up to 30%-50% with water for first coat.
- Up to 20%-30% with water for next coat.
- Up to 20% with water for final coat.

5- Application:

- Use brush or roller.
- Stir paint well before applying.
- Apply as many coats as needed considering drying time per coat.

Note: Do not apply if temperature is below 5°C.

Statement of application effects:

"QP. ECO - HYGO" prevents the development of algae, fungi, yeasts, bacteria and viruses (bacteria and viruses will be prevented from prospering on applied coat).

The activation validity:

Active dry film release is valid for 24 months from the date of the paint application.

The following conditions have negative impact on the effectiveness of this product:

1- Cracks and all damaged on the surfaces.
2- High humidity condition on the surfaces.
3- Condensation of water vapor on surfaces especially on a cold surface.
4- Poor or no ventilation in the area of paint application.
5- Poor or bad sunlight penetration into the areas of paint application.
6- Paint application on wet surfaces.

Package & Storage:

- 5kg in plastic container and 25 kg in plastic drum.
- Must be stored away from direct heat or frost unopened in dry condition, for maximum of 12 month from the date of production.

Technical Data:

Color	**White**
Gloss	**Flat (gm=2.5 @60°) according to (ISO 2813)**
Binder	**Vinyl Acetate Ethylene**
Opacity	**12m²/kg, according to (ISO 6504-1)**
Drying	**2 hour, subject to temperature ,according to (ASTM D5895)**
Fineness of Grind	**< 50 micrometer, according to (ISO 1524)**
Solid content (nonvolatile)	**65 %of product composition, according to (ISO 3251)**
The percentage of volatile organic compound (VOC)	**LOW VOC, less than 300 µg/m³ after applying according to TÜV label (ISO 16000/9)**
Wet Scrub resistance	**20 ≤ and <70 µm according to EN 13300 (CLASS 3)**
Flexibility and adhesion	**Pass to diameter 6 mm, according to (ISO 1519)**
Alkaline resistance	**Pass to 24 hours, according to (ISO 2812-4)**