

TECHNICAL DATASHEET

MULTIPURPOSE-CONCRETE FLOOR SEALER

PRODUCT DESCRIPTION

One pack thermoplastic acrylic coating applied over concrete and masonry floors to provide weathering and abrasion resistance.

PRODUCT BENEFITS

- 1- Excellent adhesion
- 2- High sealing properties
- 3- Good weathering resistance
- 4- Good abrasion resistance
- 5- Excellent chemical resistance
- 6- Quick drying

RECOMMENDED USES

Concrete Sealer is used for concrete & asphalt floors against wear and traffic effects in warehouses, parking areas, pedestrian paths, pavements, sports courts, etc.

SURFACE PREPARATION

Surfaces must be solid clean & dry, free from efflorescence, laitance, oil, salt, dirt, & other contaminants.

Treatment of concrete surfaces:

Best results on concrete are obtained by shot blasting & vacuum cleaning to remove laitance, grout & dust contaminants.

Note: Alkali and acid surfaces should be cleaned and neutralized.

Treatment of previously painted surfaces:

Non-disintegrated paints that do not swell under the effect of highly aggressive should be roughened properly and tested for compatibility and adhesion.

Flaking, blistered, cracking or heavily chalking paint should be removed by sand blasting, flame spraying, paint removers or mechanical tools.

Oils and stains must be removed.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Physical State Fluid

Color Range Clear

Density $1 \pm 0.05 \text{ g/cm}^3$

Temperature 25°C

Drying Time, ASTM D5894 30min- 1hour per coat

Wet Film Thickness, ISO 2808 100- 150 μm

Dry film Thickness, ISO 2808 70 μm

Recoat Time After 2 hours

Water resistance Excellent

Scratching resistance, ASTM D3003 Excellent

Hardness Excellent

Chemical Properties

Solids by Weight 35-40 %

Solids by Volume 37-42 %

APPLICATION

Spray application is ideal.

Brush or roller applications are also possible. Do not over brush to avoid pulling under the brush or subcoat color bleeding.

Allow at least 2 hours between each coat to dry at room temperature, and about 2 days for complete curing.

The skid resistance could be further improved by incorporating special aggregates that will also improve the wear resistance and help gain a better foot-hold while adding a fine textured look.

PACKING

In cylindrical tin containers of the following capacities:

- 1 US Quart = 0.95 L.
- 1 US gallon = 3.78 L.
- 1 Pail (5 U.S.G.) = 20L

STORAGE

Avoid frost & excessive heat.

The technical information contained in this Technical Data Sheet is to be understood as advice only and not binding in any respect.

All details about working with our products should be adapted to prevailing local conditions and materials used.