



Polyflex PU68

Hygienic finish PU Screed For Flooring

Description

Polyflex PU68 is a 3-component polyurethane trowel applied for industrial floor material processing an extremely high resistance against the attack of acids and alkaline. The material is also highly resistant to inhibits growth of E-coli, staphylococcus, salmonella and listeria.

Polyflex PU68 is recommended applying at thickness 6-8 mm.

Object

Polyflex PU68 provides a seamless hard wearing attractive floor which is chemical resistant, impervious and easy to clean. Available in a wide range of colors.

Polyflex PU68 is ideal for kitchen and industrial locations where a hard wearing hygienic, dust free environment is important, e.g. laboratories, hospital clean rooms, electronics assemble plants, switchgear plant rooms, light industrial plants, schools, etc.

Advantage

- Very good temperature resistance
- Low odor formulation
- Easy to apply
- Good abrasion resistance
- Very good resistance to many industrial chemicals
- Available in a wide range of colors to provide and attractive floor finish
- Highly resistant to inhibits growth of staphylococcus, E-coli, salmonella and listeria.
- Easy for maintenance
- Hygienic finish

Instruction for Use

- The surfaces to be coated should be dry, clean, free from loose materials, other contaminations as well as free from oils and fats. The prefer method is vacuum shot-blasting.
- The new concrete should be cured minimum 28 days.
- The moisture content should be lower than 4%
- The surface pull-off test strength should be more than 1.5 N/mm²
- Any crack should be repair with epoxy mortar. (Available form ACT in the name of Hydrapox 112)
- The application of Polyflex PU68 must be apply on the primed substrate (Primer also available from ACT in the name of Polyflex 035)
- Polyflex PU68 is supplied in pre-weighed packs ready to use on site.
- Stir the component A to re-disperse any settlement.
- DO NOT add solvents or thinners.
- Mix the component A and component B together in the mixing vessel using a forced action mixer or heavy duty slow speed drill fitted with a purpose built paddle until an even color is obtained.
- Add component C and mix it again until homogenous.
- The material is poured onto the primed substrate and spread to the required thickness with trowel.
- Immediately light roll over the finish surface with mohair roller.

Characteristic

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| ● Compressive Strength (ASTM C579) | 700 ksc |
| ● Tensile Strength (ASTM C307) | 65 ksc |
| ● Flexural Strength (ASTM C580) | 210 ksc |
| ● Bonding Strength (BS 6319 Part 4) | Concrete Failure |
| ● Abrasion Resistance (ASTM D4060) | 0.075 g. |
| ● Pot Life @ 25 °C | 15-20 min. |
| ● Curing Time @ 25 °C | 8-12 Hr. |

Cleaning

The working equipment, tools etc., can be mechanically cleaned by using brushes in combination with Xylene. The cleaning should be done immediately after the completion of the work and within the pot life of the material to avoid sediments on the equipments, tools etc.

Packaging

30 Kgs./Set

Storage

In unopened packs, Polyflex PU68 has a shelf life of at least 12 months when stored in warehouse conditions below 35 °C. It should, however not be stored at very low temperatures, to guarantee a good working consistency.

Precaution

Polyflex PU68 can cause an allergic reaction after prolonged contact with sensitive skin. Therefore avoid contact with skin and use protective equipments. Rubber gloves and protective clothing are recommended. After contact with skin wash immediately with plenty of water and soap. Do not use solvents. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. Ensure good air circulation in the room.

Act (Thailand) Co., Ltd.

Address : 19 Moo 1 Kubangluang
Lardlumkaew Pathumthai 12140
Tel. : (66)-0-2979-4446-9 , (66)-0-29794936-9
Fax. : (66)-0-2979-4445
Email : info@actthai.com
Web Site : <http://www.actthai.com>

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