



Polyflex 79P

2K Polyurethane Coating for Concrete and Steel Surface

Description

Polyflex 79P is a solvent borne, two component polyurethane binder and coating material possessing an extremely high resistance against the attack of acids and alkalines. It is particular useful on concrete and steel surface. The coat is also highly resistant to temperature stresses. It originally a smooth surface but can have a non-slip surface in different ways.

Object

Polyflex 79P provides a seamless hard wearing attractive floor which is chemical resistant, impervious and easy to clean. Available in a wide range of colors Polyflex 79P is ideal for 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

- Dust free
- Seamless floor which is easy to clean
- Good abrasion resistance withstands foot and light vehicular traffic
- Very good resistance to many industrial chemicals
- Low odor formulation
- Available in clear and wide range of colors to provide and attractive floor finish
- Very good adhesion to substrate

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.
- Polyflex 79P is supplied in pre-weighed packs ready to use on site. Do not add solvents or thinners. Mix the resin and hardener components together in the mixing vessel using a forced action mixer or heavy duty slow speed drill fitted with a purpose built paddle mixing for 3.5 minutes until homogenous.
- For a non-slip version of Polyflex 79P an application of non-slip including 250 grams of 80 mesh quartz sand grains is applied to the surface of the Polyflex 79P.

Characteristic

• No of Coat :	2
• Density :	1.02 kg./L.
• Thickness :	Wet – 100 μ m Dry – 50 μ m
• Time between coats :	2-3 Hrs. @ 35 °C 4-5 Hrs. @ 25 °C
• Full Cure :	7 Days
• Bonding Strength @ 7days	More than concrete

Packaging

6.8 Kgs., 20.4 Kgs.

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

Storage

In unopened packs, Polyflex 79P 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 79P can cause an allergic reaction after prolonged contact with sensitive skin. Therefore avoid contact with skin and use protective ointment. 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.

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