

PIOPRIME 62

Solvent-based epoxy primer/sealer

DESCRIPTION

PIOPRIME 62 is a low viscosity, solvent-based, two component epoxy primer, designed to penetrate into porous substrates such as concrete, screeds, and masonry, to improve the bonding for concrete repair, flooring and protective coating range, **PIOPRIME 62** can act as a cost-effective clear sealer coat in low trafficked areas.

USAGES

- As a universal versatile primer for resinous flooring and concrete repair systems
- As a stand-alone sealer and surface hardener
- As a dustproof for cement-based surfaces
- Sealing of semi-porous cement-based substrates

ADVANTAGES

- Excellent bonding to concrete, cement plaster and steel
- Provides high durability for flooring systems
- Excellent water resistance
- Obtains high mechanical characteristics for all flooring systems
- Large application temperature range (3°C to 50°C)
- Damp Tolerant
- High wetting properties
- Cost effective

TECHNICAL DATA

PIOPRIME 62

Appearance

Typical values

Clear liquid

Solid Content

45%

Mixed Density @25°C
(ASTM D1475)

1 kg/lit

Pot Life @25°C
(ASTM D2471)

2 hours

Touch Dry @25°C
(ASTM D2471)

45 – 60 min

Full Cure @25°C

7 days

Adhesion to Concrete
(ASTM D4541)

< 2.0 MPa

Flash Point

39°C

USAGE INSTRUCTIONS

1. Surface preparation

All substrates shall be sound, clean, free from dust, grease & oil, dirt, the concrete wet substrates should be sponge-dried to remove all free surface water.

Concrete substrates should have compressive strength not less than 25 MPa. any old resin floor was applied shall be removed completely using a concrete grinding equipment, any cracks or grooves should be filled using **PIOMORTAR FC** before priming.

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Coverage

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9m²/liter/100μ (WFT)

2. Mixing

Stir component A only separately, then the entire content of component B could be poured into the base container, both should be mixed at lease for a minute at least using mechanical mixer (drill mixer). Insufficient mixing may lead bubbles formation.

3. Application

Apply **PIOPRIME 62** by brush or roller, ensure that the substrate is completely covered. In the case of very porous concrete substrate, further coats of primer might be required.

It is recommended to finish all concrete repairs prior to priming the substrate, such as crack filling or bores smoothing, but all surfaces must be dry as well, i.e. It is preferable to use epoxy repair compounds to save time.

PIOPRIME 62 should be dry before any overcoat application, and it is advised to wait 24 hours in ordinary temperature, but when hot climates (over 35 °C) overcoating time might drop down to less than 12 hours.

When using **PIOPRIME 62** as a bonding agent for sealant application. It is recommended to apply sealing on tacky primer (within 90-120 min after coating).

4. Cleaning

Clean all tools and application equipment with a suitable thinner immediately after use. Hardener or cured material can be only removed mechanically or by hand tools.

PACKAGING

PIOPRIME 62 is supplied in 5 liters & 20 liters set, component A & B.

HEALTH & SAFETY

Before applying **PIOPRIME 62**, all safety protections should be worn during application, such as safety goggles and rubber gloves to avoid any harmful accidents.

If **PIOPRIME 62** is splashed to skin, it must be washed off by water and soap at once, and if to the eyes seek medical attention immediately.

STORAGE & SHELF LIFE

PIOPRIME 62 shall be stored in its sealed container under dry and shaded place in a temperature from 5°C -35 °C, shelf life of the material is 12-months.

TECHNICAL SERVICE

The technical service department of Arkaz is available to assist in the correct and best use of our products, these resources and advice are at your disposal entirely without obligation.

Please contact:
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