

Skim and finishing coat for interior and exterior application

Description

Arki-Putty is a polymer-modified cementitious dry pre-mix powder formulated to be mixed with water to provide a high performance smooth finish and levelling compound for internal and external use.

It is used to fill small voids and to level and smoothen surface irregularities on concrete, sand cement render and various mineral backgrounds prior to the application of paints and coatings.

Arki-Putty consists of Portland cement, special graded fillers, polymeric materials and chemical improving agents.

Arki-Putty's formulation was carefully designed to provide the most effective application properties and to enhance the durability of the product.

Advantages

- Excellent application and filling properties.
- High bond strength.
- Slump-free consistency, no sag.
- High smoothness.
- Long open time.
- Good breathing properties.
- For interior and exterior use.
- Compatible with all decorative paints.
- Suitable for tropical and hot climate conditions.

Product properties*

Type:	Pre-mixed cementitious powder
Mix ratio:	8 litres of cold clean water per 25 kg bag
Bulk density:	~1.4 kg/l
Wet density:	1.80 kg/l
Pot life:	2 hours
Set time:	1.0 hour
Compressive strength:	12 MPa (after 7 days) 17 MPa (after 28 days)
Application Thickness:	0.5 - 3.0 mm

* Values are valid at ambient temperature of 23°C and at 55% relative humidity.

Directions for use

Substrate preparation

Surface to be levelled should be clean, sound and free from any residual mould oil, dust loose particles and other contaminations. All loosely adhering and projecting material on the wall should be removed with the help of wire brush, putty blade or emery stone.

Apply clean potable water on the surface to be levelled to neutralise suction. A short time should elapse to allow free water to disperse before applying Arki-Putty. Areas that dry out fast or in high ambient temperatures, the surface should be wetted frequently. As a rule, ensure that the surface is damp before applying Arki-Putty.

Mixing

Arki-Putty should be added slowly to 8 litres of clean water during mixing. It is recommended to use a mixing paddle attached to a slow speed electric drill for at least 2 minutes until the material becomes smooth in consistency and slump-free. Allow the material to saturate for about 5 minutes and re-mix before application.

Mixed putty should be used within its pot life. Mix only quantities that can be applied within the pot life. Hard and set putty should not be re-mixed or used.

Application

The mixed Arki-Putty is applied onto the prepared surface using a painter's putty knife. Do not use a mason trowel. Build up thickness in thin layers till all surface irregularities are covered. Allow each coat to dry out before applying the next coat. Final coat should be sanded using a fine graded sand paper. Paint can be applied on Arki-Putty after it has completely dried out.

Curing

Curing is not generally required. However, under high temperature conditions or strong wind, it is recommended to fine spray periodically the applied putty with water for 24 hours.

Yield/Coverage

A 25 kg bag of Arki-Putty covers about 35 m² at a thickness of 0.5 mm.

Cleaning

Clean tools with water before hardening of the putty.

Storage and shelf life

Arki-Putty has a minimum shelf life of 12 months when stored in dry warehouse conditions in unopened, undamaged original bag. Storage should be away from direct sunlight in ambient temperature between 5°C and 35°C.

Packaging

25 kg bags

Safety precautions

Arki-Putty is a non-flammable material and not classified as a hazardous material under current legislations.

The cement content of the product may cause irritation to the skin and eyes. Therefore, unnecessary contact with the product is to be avoided and suitable gloves and goggles must be worn.

Accidental contact of Arki-Putty to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, seek medical advice.

Do not dispose into water or soil. Dispose the material according to local regulations.

For further information refer to the material safety data sheet.

Technical support

Arki provides assistance to its customers and gives site support, consultations and technical advice on concrete repair, surface preparation and treatment, protective coatings, tile adhesive, engineering grouts, waterproofing materials.

Additional Arki products

Arki produces high quality products intended for use in construction activity, among these products:

- Concrete Admixtures
- Concrete repair materials.
- Mould release agents and curing compounds.
- Waterproofing materials.
- Flooring systems.
- Protective coatings.

Product Quality

All Arki products are manufactured under an independently certified quality management system to conform to the requirements of the international standards.