

Flortex® PU Cove Mix

Product Description

Water-based polyurethane resin cove and wall render

Flortex® PU Cove Mix is a 100% solids, three-part, polyurethane mix designed for the coating of coving and forming radius coves. It may also be applied direct to concrete areas adjacent to Flortex Screed coatings to ensure uniform appearance.

It provides excellent abrasion resistance, with a lightly textured matt finish that is resistant to hot water, has high chemical resistance and is extremely hard wearing.

Typical Uses

Typical applications include heavy duty plant and traffic areas, food manufacturing and processing, dairies, commercial kitchens, pharmaceutical and chemical plants.

Suitable substrates: *Flortex® PU Cove Mix* may be applied to moisture free concrete floors.

Colour: *Flortex® PU Cove Mix* is available in 6 standard colours.

Packaging: *Flortex® PU Cove Mix* is supplied in 19.4kg units.

Direction For Use

Surface Preparation

The screed or substrate should be mechanically prepared to a clean, sound and dry surface with a good mechanical key.

Priming

All surfaces should be treated with a suitable primer. Application of *Flortex PU Cove Mix* should be applied onto the tacky primer, typically 45-60 mins after application in order to achieve a sound adhesive bond.

Mixing

Mix the coloured base component to an even consistency, ensuring the redispersion of any settled pigment. Thoroughly scrape the contents of the base and hardener components into the same container and mix thoroughly for at least one minute. Pour the combined base and hardener into a rotary drum mixer and add the aggregate component steadily, mixing for a minimum of 3 minutes, until a homogeneous mix of the three parts is achieved.

Application

Apply to pre-primed areas with a coving trowel to form the skirting as required.

Due to the different aggregates used in this vertical grade material, a variation in surface texture and colour density must be expected. Where a closer colour match is required to adjacent surfaces then *Flortex PU Screed Seal* should be used to overcoat the *Cove Mix* within 24 hours of application.

Application thickness is typically 2 - 9mm (vertically 4mm maximum).

Application Temperature

Flortex PU Cove Mix should be applied at a surface temperature between 15°C and 25°C and a relative humidity of <90% RH, with a minimum air temperature of 8°C and no condensation.

Do not pre-warm the product as working times will be substantially reduced if materials are warm.

Pot Life & Curing Times

Pot life (once mixed) is 15 minutes.

Recoat time at 20°C is 18-48 hours, light traffic 18 hours, full traffic 48 hours and full chemical cure is 7 days.

Cure times will be extended at lower temperatures.

Technical Data

Bond Strength (BS EN 13892-8 : 2002):	> 2.0 N/mm ²
Abrasion Resistance (BS EN 13892-4 : 2002):	AR0.5
Impact Resistance (BS EN ISO 6272-1 : 2011):	IR>4
Temp. Resistance:	4.0 mm < 60°C
Chemical Resistance:	Good
VOC:	< 15 g/l

Coverage

A 19.4kg unit of *Flortex PU Cove Mix* will form approximately 8.5 linear metres at 100mm high with a 50mm radius base when applied at 4mm thickness. When applied flat, coverage is approximately 2kg/m² per mm thickness.

Cleaning

Tools and equipment should be cleaned whilst resin is still wet with Solvent Cleaner. Hands and skin should be cleaned immediately with Organic Hand Cleaner.

Shelf Life & Storage

Shelf life in unopened containers is approximately 6 months, subject to conditions of storage. Store in a cool, dry, environment out of direct sunlight, between 10°C and 25°C. Protect from frost.

Health & Safety

Before using this product, please ensure you have received and read carefully both the Hazard Label applied to the container and the relevant Material Safety Data Sheets.

As from 24th August 2023, adequate training is required before industrial or professional use of this product.

Any Questions

Please do not hesitate to contact us for advice regarding the use of this product or its suitability for your particular application.

Our aim is to provide all the technical help you need to make an informed choice and achieve total success.

Polycote Technical Helpline: **01234 846400**

All reasonable care has been taken in supplying the above information. However, any figures quoted do not constitute a specification but represent typical values obtained. It is the customer's responsibility to ensure the product is fit for the intended purpose and that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights and third parties are involved. In the light of the Company's policy of continual research and development, it is the customer's responsibility to ensure that the information contained herein has not been superseded.