



SLURRY C3 COMFORT



DESCRIPTION

Resin-modified mortar based on acrylic copolymers in aqueous emulsion, homogeneous and highly stable to ultraviolet radiation. Based on and formulated with water-based polyurethanes due to their rubbery, flexible nature and high mechanical resistance. Micronised silica quartz with selected grain size and pigments. Resurfacing of floors with a good level of porosity and high resistance to abrasion, such as frontons, tennis courts, sports courts, etc.

ADVANTAGES

- ✓ Excellent resistance to atmospheric changes and inclement weather.
- ✓ Absorbs impacts.
- ✓ Comfortable due to its flexibility.
- ✓ Does not crack.
- ✓ High stability, long life and abrasion resistance.
- ✓ Easy to apply.
- ✓ Silky matt finish.
- ✓ Non-slip.
- ✓ Odourless and non-flammable product.
- ✓ Due to its composition, it is resistant to abrasion from light traffic and foot traffic.
- ✓ Good adhesion to concrete and asphalt agglomerate substrates, etc.
- ✓ Water vapour permeable product.

RECOMMENDED USES

Fields of application:

- Industrial flooring and vehicle parking areas with light traffic.
- Outdoor car parks.
- Treatment of traffic islands or medians in civil engineering works.
- Paving of sports areas.
- Pedestrian walkways or paths in recreational areas.
- Industrial flooring and indoor garages.
- Cycle lanes.

PRESENTATION

Colours available: grey, red, white, green and blue. Please consult the RAL chart.

Silky matt finish.

Format: 25 kg.

TECHNICAL CHARACTERISTICS

Composition Fixed vehicle Formulation of resins in aqueous emulsion.

Pigments Mineral and organic.

Micronised quartz, selected, washed and dried.

Solvent,water.

Density 1.70± 0.02 kg/L.

Coverage 1.3 kg/m² per coat.

Solids 83

SLIPPERINESS (UNE-EN 12633:2003) C3

Drying

To the touch 1 hour.

Total 6-8 hours.

Repainting After 24 hours at 20 °C.

APPLICATION

Coats 2 coats.

Homogenise the product in the container and apply with a rubber squeegee or mechanical tools suitable for this product. Apply in two or three successive coats, no more than 1.5 mm per coat, until the desired thickness is achieved. Do not apply more than one coat per application. The product can be applied by diluting it with 3% to 5% water, which is necessary depending on the nature of the substrate in order to homogenise the colour, as differences in temperature and possible variations in the absorption of the substrate or drying may cause differences in shade.

It is advisable to apply SPORT GM90 sealing system, which is especially necessary. See technical data sheet.

Do not apply at temperatures below 10°C or above 25°C.

The area where it is to be applied must be well ventilated to ensure proper curing.

If it is going to be subject to light vehicle traffic, always seal with SPORT GM90.

Consumption:

The usual consumption is around 1.5–2.5 kg/m², in several coats, depending on the roughness and porosity of the substrate. For good resistance, at least two coats should be applied.

Recommended thickness 2 mm / 3 kg per m².

Dilution 3% to 5% of total product

Application temperature: Ambient temperature between 10 and 25 °C.

Application tools: Rubber scraper

SURFACE PREPARATION

Surface preparation:

New surfaces:

Wait for the cement to cure completely (approximately 1 month). Plaster must be dry, clean and free of dust, grease, mould, algae and other contaminants.

Mechanical treatment using a SAT diamond disc machine, followed by vacuuming.

Repair cracks, fissures and cavities using PR EPOX 40 100% solids thixotropic epoxy resin.

Apply a coat of water-based epoxy primer, PR EPOXW 20, to surfaces that are loose, absorbent or very alkaline. In the case of efflorescence or saltpetre, treat with a diluted acid solution, rinse with plenty of water and leave to dry.

It is essential to regulate the porosity of the floor so that it is sufficiently adequate to promote the penetration and anchoring of the paint. The best results are obtained through mechanical methods, as these not only regulate the porosity of the substrate but also remove any unwanted substances or foreign bodies.

If mechanical treatment is not possible, at least one chemical treatment must be carried out: removal of foreign or unwanted agents using diluted hydrochloric acid, followed by removal of any acid residue with plenty of water; finally, allow the substrate to dry completely and proceed with normal painting.

Painted surfaces:

If the paint is well adhered, sand with a rotary machine and then vacuum to remove loose particles, clean and degrease.

On satin surfaces, sand and vacuum.

First apply a coat of water-based epoxy primer, PR EPOXW 20, as a bonding bridge.

Substrates in poor condition:

If the paint is old or poorly adhered with defects such as chalking, blistering, flaking, cracking, etc., remove any residue mechanically and repair any cracks or damage before applying a coat of PR-EPOX W20 water-based epoxy primer.

IMPORTANT: In high humidity conditions or below 10°C, DO NOT HARDEN. - Do not apply the paint to surfaces that are very hot due to exposure to the sun.

Surfaces in general must be clean, dry and free of grease, dust and rust. Clean, dry and well-cured floor (28 days).

Residual floor moisture below 6%.

Old surfaces: The surface must be cleaned and degreased. On already painted substrates, defective areas of paint must be removed and repaired using the most suitable method for each substrate, taking care not to apply an excessive layer when repainting.

COLD MATERIALS: When using acrylic resins, cold material will result in slower than normal curing times and may affect their physical properties once cured. Cold materials are more difficult to mix, spread and level. Before applying the materials in cold temperatures, they should be stored in a heated environment or in a heated storage container at the ideal temperature indicated on the product data sheet. The longer the materials can be stored in a temperate environment, the better they will perform.

HOT SUBSTRATE / AND OR MATERIAL: Substrates exposed to high temperatures exceeding 26°C directly affect the physical and chemical properties of the materials. The direct effects on the application are that, depending on their nature, the materials will experience causes and effects such as: cracking, micro-cracks, orange peel, crazing, accelerated drying with loss of properties, colour changes, loss of levelling, etc.

• RECOMMENDATIONS

Do not apply at ambient temperatures above 25°C.

Do not apply outdoors during the hottest hours of the day.

Do not expose the materials to high temperatures or storage in direct sunlight. Do not apply if the substrate is at a temperature above 30°C.

CONSERVATION

Easy to homogenise by stirring thoroughly after 12 months' storage in a closed container. Does not form skins, clots or gels. Keep away from temperatures below 5°C.

SAFETY

SAFETY, HEALTH AND ENVIRONMENT

In general, avoid contact with eyes and skin, wear gloves, protective goggles and appropriate clothing. Keep out of reach of children. Use only in well-ventilated areas. Do not dispose of waste in drains. Keep the container tightly closed and in a suitable place. Ensure the product is transported properly; prevent any accident or incident that may occur during transport due to breakage or damage to the container. Keep the container in a safe place and in the correct position. Do not use or store the product in extreme temperatures. Always comply with current legislation on the environment, hygiene, health and safety at work. For further information, it is essential to read the product's SAFETY DATA SHEET.

It is advisable to periodically check that this Technical Data Sheet is up to date.

Pinturas Pinay guarantees that its products comply with the specifications set out in the technical data sheets. The technical advice provided by Pinturas Pinay, before or after delivery of the products, is purely indicative and given in good faith and constitutes its best knowledge, in accordance with the current state of the art, but without any guarantee as to the final results, as these depend on conditions of use that are beyond our control. All our sales are subject to our general terms and conditions of sale, which we recommend you read.

Consult the label and Safety Data Sheet.



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