

PASTE SMOOTHENING FINISHING / COATING

DESCRIPTION

Conpatch 101 is a finishing coating in paste form. Made from especially selected synthetic resins, fillers and additives to provide superior finishing.

USES & ADVANTAGES

Conpatch 101 is used as a finishing coating for cosmetic leveling of surfaces, for example, surface bubbles, minor surface and seam defects. Use inside or outside in a cement mixture on walls up to 4 mm. thick. On the inside it may be used with a mixture with plaster up to thickness of 5 mm.

Substrates that are acceptable:-

Exterior and interior

- Concrete walls and underside of slabs.
- Concrete panels.

Interior only in a mixture of plaster

- Plaster and gypsum wallboards (Gypsum mix only).
- Lightweight concrete or blocks.

PROPERTIES

| | |
|------------------------|---|
| Appearance | : White-grey paste |
| Particle size | : 0.04-0.12 mm. |
| Paste density | : 1.35±0.05 |
| Paste viscosity | : 10000 ± 2000 cps |
| pH | : 8 ± 0.5 |
| Pot life | : 1-2 hrs (in cement mix, depending on temperature) 30 minutes (in gypsum mix) |

Bond strength by slant shear test : ASTM C882*

| | |
|---------|----------|
| 7 days | 7-9 MPa |
| 28 days | 9-12 MPa |

Compressive strength : ASTM C109*

| | |
|---------|-----------|
| 7 days | 15-18 MPa |
| 28 days | 20-22 MPa |

Tensile strength : ASTM C190*

| | |
|---------|-------------|
| 7 days | 0.6-0.8 MPa |
| 28 days | 1.1-1.3 MPa |

* Average laboratory values provided as a general guideline.

SUBSTRATE PREPARATION

The substrate must be clean, sound, dust and without any traces of oil, laitance, paint or curing compound. Runs and seams must be struck off.

MIXING

- Mix 1 part Conpatch 101 with 1/2 to 1 part cement (white or grey) or gypsum until the compound is evenly distributed.
- Never add water.
- Stir before use.

APPLICATION

One or 2 coats may be applied as required by filling knife or trowel. 3-4 hours at 20°C should be allowed between coats. At least 7 days should be allowed for curing depending upon thickness & climate before applying a covering. If in doubt consult Cormix.

COVERAGERATES

Interior and exterior walls and ceilings

as cement mix : 0.3 - 4 mm.

Interior walls and ceilings

as gypsum mix : 0.3 - 5 mm.

Interior / Exterior

- Reinforced concrete.
 - Precast concrete panels.
 - Traditional rendering.
- #### **Interior only**
- Lightweight concrete or lightweight block.
 - Gypsum board (on gypsum mix).

CONSUMPTION RATES

0.6-0.8 kg/m²/mm. (pure paste)

LIMITATIONS

Application temperature range 5°C - 35°C. In high temperatures protect the surface from drying too quickly by light mist curing.

Do **NOT** immerse the product in liquids, apply as a cement mixed product to gypsum based substrates or cover the product with a hydraulic (cement based) binder mortar. This product is not intended to use in civil engineering applications or major repair works but rather a cosmetic material for overcoating.

PACKAGING

25 kg plastic bucket.

STORAGE & SHELF LIFE

Store in a cool dry place, free from frost. Shelf life up to 12 months in unopened original container.

HEALTH AND SAFETY

Use standard precautions for handling all chemicals. Use protective clothing, gloves and glasses.

TECHNICAL SERVICE

The Cormix International Technical Service Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

QUALITY ASSURANCE

ISO 9001 : 2008 verified by TUV Nord.

CONTACT DETAILS

Cormix International Limited

Regional Office,
89 Romkiao Rd., Sansab, Minburi, Bangkok 10510
Tel. (66 2) 917 3955-8, 543 8890
Fax. (66 2) 917 3959, 543 8891
<http://www.cormix.com> E-mail : info@cormix.com

Rev. 004 : Aug 2013

NOTE : Every reasonable precaution is taken in the manufacture of all CORMIX-products to ensure that they comply with CORMIX's high standard of quality. The recommendations and properties of the product are based upon what is believed to be the most reliable information available, and are not intended as recommendations which infringe on other patents. Although all CORMIX-products are subject to rigid quality tests, no specific guarantee can be given, because results depend, not only on quality, but also on other factors beyond our control. We welcome therefore consultation in the event of doubt concerning application, or performance, and point out that oral recommendations, which vary from the instructions contained herein, are not binding without written confirmation by CORMIX. All transactions shall be subject to our terms and conditions of sale-delivery-and-service. This data sheet supersedes the previous one and a reprint may be issued without notice to supersede this edition, as and when deemed necessary. The information given in this leaflet is to the best of our knowledge true and reliable. Field service where provided does not constitute supervisory responsibility. Our guarantee is therefore limited to the quality of materials delivered.