



## Fontefloor Pu Cem Cove

**DESCRIPTION** A solvent-free, water-borne hybrid polyurethane concrete coving material.

**PRODUCT FEATURES AND RECOMMENDED USES**

- Fast curing coving material
- To be used with Fontefloor PU Cem systems
- Low odour

### TECHNICAL DATA

**Volume solids** 100%

**Specific gravity** 1.75 kg / l (mixture)

**Mixing ratio**

|                                |                                |
|--------------------------------|--------------------------------|
| Fontefloor PU Cem Cove mixture | Fontefloor PU Cem Cove A 0.6KG |
|                                | Fontefloor PU Cem B 0.62KG     |
|                                | Fontefloor PU Cem C 8.78KG     |

**Pot life (+23°C)** At +20°C: approx. 15 minutes

**Practical coverage** For a flat substrate:

Approximately 2.4 metres/unit with a radius of 2 cm and 10 cm height  
or  
approximately 1 m<sup>2</sup> with a thickness of 5 mm/unit of 10 kg.

Note: maximum thickness of one layer is approx. 6 mm.

Practical coverage depends on the evenness of the substrate.

**Drying time (+23°C)** Foot traffic after 8 hours  
Mechanical exposure after 24 hours  
Chemical resistance after 7 days

At lower temperature the curing process will last longer.

**Cleaning of equipment** Cleaning of equipment with Thinner 1061. Equipment should be cleaned immediately after use before the primer has dried.

**Finish** Matt. Sunlight will affect on the shade and the gloss of the varnish in the long run.

**Colors** Red, green, buff, grey and crème.

**Thinning instructions** Do not thin Fontefloor PU Cem Cove.

**VOC** VOC 2004/42/EC (cat A/j) 140 g/l (2010)  
Fontefloor PU Cem Cove: max. VOC < 140 g/l

**Can sizes** 1,5 L

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## APPLICATION INSTRUCTIONS

- Surface preparation**
- New concrete  
Remove laitance by power grinding, vacuum grit blasting or hydrochloric acid etching. Choose the method best suited for the premises. After grinding remove dust carefully with a vacuum cleaner. Hydrochloric acid etching is carried out with diluted hydrochloric acid (1 part concentrated hydrochloric acid, 4 parts water). Rinse with plenty of water. Dry the floor.
- Old concrete  
Remove all grease, oil, chemicals and other impurities by Maalipesu detergent. Remove old peeling paint layer by grinding, milling or vacuum grit blasting. Choose the method best suited for the premises. Clean out pot-holes removing all loose friable material. Open cracks with e.g. an abrasive tool. Remove loose material and dust.
- Cementitious levelling screed  
Check compatibility with the levelling screed manufacturer.
- Polymer modified screed  
Check compatibility with the polymer modified screed manufacturer
- Application conditions**
- The relative humidity of the concrete should not exceed 97%. The temperature of the ambient air, surface or coating should be between +12°C–+25°C during application and drying. Relative humidity of air should not exceed 80%.
- Mixing components**
- Mix the correct proportions of parts A and B thoroughly approx. 30 s by using a hand drill with a paddle, concrete mixer or power mixer. Add part C to the mixture and mix approx. 3 min until the mixture is homogenous. Ensure that the mixture is homogenous and use it immediately after mixing.
- Insufficient mixing or incorrect mixing ratio will result in uneven drying of the surface, weaken the properties of the screed and risk the success of the application.
- Priming**
- Prime with unthinned Fontefloor PU Cem Primer. Pour the mixture onto the floor, apply with a consumption of  $\pm 0.25$  kg/m<sup>2</sup>.
- Patching**
- Patch pot-holes and cracks with unthinned Fontefloor PU Cem 2 or Temafloor 400 epoxy varnish and dry, clean sand. Mixing ratio e.g. 1 part by volume of epoxy or Fontefloor PU Cem 2 mixture and 1–2 parts by volume of sand of grain size  $\varnothing$  0.1–0.6 mm. Sand the patched areas before overcoating, if necessary.
- Topcoating**
- Fontefloor PU Cem Cove is applied onto the uncured Fontefloor PU Cem Primer.
- Storage**
- Under cover and free of the ground, in dry conditions above +5°C and below +25°C. This is particularly important for the part C. Protect from frost even during transport.
- HEALTH AND SAFETY**
- Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets.  
A health and safety data sheet is available on request from Tikkurila Oyj.

The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.

The product is intended for professional use only and shall only be used by professionals who have sufficient knowledge and expertise on the proper use of the product. The information above is advisory only. To the extent permitted by applicable law, we shall not approve of any liability for the conditions under which the product is being used or for the use or application of the product.

In case you intend to use the product for any other purpose than that recommended in this document without first getting our written confirmation on the suitability for the intended use, such use takes place at your own risk.