

Nov 2018

DATA SHEET NO. 101

PAVELITE

SCREED REPAIRING COMPOUND

DESCRIPTION

FloorworX Pavelite is a cementitious compound for repairing damaged or rough screeds prior to the installation of floor coverings. Its rapid drying properties enable the contractor to install flooring soon after application, saving both time and money. FloorworX Pavelite provides a smooth finish that improves adhesive coverage. Rigid process controls ensure consistent high quality which enable the contractor to use the product with confidence. Note FloorworX Pavelite screed compound will not necessarily improve any sub-floor undulations, as it is not a self-levelling product, however it will address any imperfections that exist.

COVERAGE

The coverage of FloorworX Pavelite at a 1.00mm overall thickness is approximately 1.6kg of powder per square meter. (Total of 12.5m² per 20kg bag).

SUBSTRATES

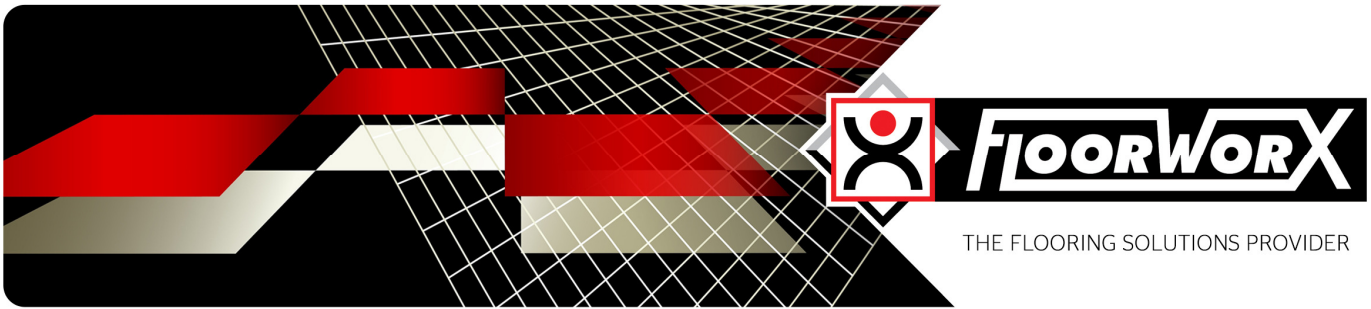
FloorworX Pavelite bonds extremely well to porous concrete substrates, provided that adequate preparation is carried out. These concrete substrates must be dry, sound, dust free, clean and not contaminated with traces of grease or oils. Where existing floors have been lifted, old adhesive and especially bituminous adhesives will act as a barrier preventing Pavelite from bonding with the substrate. (See **Technical Bulletin No. 42: Preparation of Sub-Floor with Bitumen Residue.**)

Where non-porous surfaces are concerned, FloorworX Pavelite will have difficulty in bonding to them as no penetration into the substrate can take place. FloorworX No 33 Bonding Liquid must be used to improve bonding with the substrate or to create a harder surface finish. Please contact the FloorworX Technical Department for further information.

FloorworX Pavelite should not be used on flexible substrates or areas where movement will occur, i.e. all types of timber floors.

PREPARATION

Ensure that the screed is clean and free from dust, wax, oil, grease or paint. The sub-floor should be swept or preferably vacuumed, to remove all dust and dirt. Porous screeds must be primed with a coat of FloorworX No 33 Bonding Liquid to improve adhesion of the Pavelite to the substrate. Where power floated or chemically accelerated cured substrates are encountered, contact the FloorworX Technical Department for advice.



MIXING & APPLICATION

- Mix 4 parts of Pavelite powder to 1 part of clean cold water (by volume).
- Pour the required water into a suitable container and slowly pour the Pavelite into the water while stirring thoroughly to avoid lumps. Continue stirring until all the required Pavelite is mixed into a thick, lump free paste. A white scum on the surface indicates too much water in the mix.
- Do not mix more than can be used in 20 minutes and DO NOT attempt to re-activate the mix after this time as the chemical reactions will be too far advanced.
- Spread the mix thinly over the substrate using a flat steel trowel.
- Never use heating equipment to accelerate drying.
- Once the Pavelite has set, any trowel marks or high spots can be removed by light sanding.

Note the product should not be applied greater than 2.00mm thickness in a single application.

RECOMMENDED MIXING RATIOS

- Domestic Traffic: Add 20kg of Pavelite to 5ℓ of clean water to the mix.
- Medium Traffic: Add 20kg of Pavelite to 3ℓ of clean water and 2ℓ of FloorworX No 33 Bonding Liquid to the mix.
- Heavy Traffic: Add 20kg of Pavelite to 2ℓ of clean water and 3ℓ of FloorworX No 33 Bonding Liquid to the mix.
- Commercial Traffic: Add 20kg of Pavelite to 5ℓ of FloorworX No 33 Bonding Liquid to the mix.

DRYING

A 2mm application requires approximately 4 hours drying time before the installation can commence. This is dependent on climatic conditions and the porosity of the substrate.

PACKAGING

FloorworX Pavelite is sold in 20kg bags.

STORAGE

Pavelite should be stored in a cool, dry atmosphere and unopened. If left unopened under suitable conditions as described it should have a shelf life of approximately 12 months.

DISCLAIMER

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