



weberfloor 4716 primer

- For all types of substrates
- Diffusion open
- Good adhesion properties

About this product

weberfloor 4716 Primer is a styrene acrylate dispersion which is diluted with clean water. weberfloor 4716 does not contain ammonia, and offers good alkali resistance and adhesion properties in both wet and dry environments. In addition to improving adhesion to the substrate, the function of the primer is to prevent air bubbles and dewatering of the screed before hardening.

Area of use

weberfloor 4716 is designed for priming (pre-treating) substrates prior to application of weberfloor products. weberfloor 4716 Primer should be diluted with clean water.

Substrate

weberfloor 4716 Primer is designed for use on a wide range of substrates such as steel decks, in-situ, precast and light-weight concrete/cement-based substrates, stone and ceramics and plywood boards. Steel decks should be treated with rust protecting shop primer before application of weberfloor 4716. Make sure the rust protecting shop primer is compatible with weberfloor 4716 before application.

weberfloor 4716 is also suitable for use on galvanised steel and aluminium decks provided these substrates have been primed with fully sand-scattered weber.floor 4710N Epoxy Primer prior to application of weberfloor 4716. For details see separate product datasheet for weber.floor 4710N (Marine applications). If a third party epoxy primer is being used, check for compatibility with weberfloor 4716.

To know before applying

Once dried, the primer is difficult to remove so care should be taken to clean tools quickly before the primer dries. Tools and machinery should be cleaned using water.

Pretreatment

The substrate should be dry, clean and free from dust, cement rich skin and laitance, grease and oil residues, weak surface layers and other impurities which might prevent adhesion. The substrate temperature should be above +10°C, but for film to form on the primer the substrate temperature should not fall below +6°C. For best results the ambient temperature of the work area should be 10-25°C. If pore formation should occur in the levelling/screeding compound, this is often a sign that the substrate is very absorbent and extra priming is then recommended. If the substrate is sand-scattered weber.floor 4710N, make sure all residual/loose sand is vacuumed off the floor before application of weber.floor 4716. Light ventilation in the work area is necessary but windows and openings must be closed sufficiently to avoid draughts during and after application. Indoor and substrate temperature should be above +10°C during and after application and

Product specification

Recommended water content

Mixing ratios:

- Concrete/cement-based substrate:
Dilution 4716:water = 1:5+1:3,
coverage (l/tr/m²) 0,15, 2 coats

- Wooden substrates/linoleum:
Dilution 4716:water = 5:1,
coverage (l/tr/m²) 0,20, 1 coat

- Steel deck:
Dilution 4716:water = 5:1,
coverage (l/tr/m²) 0,20, 1 coat

- weberfloor 710 epoxy primer:
Dilution 4716:water = 1:3,
coverage (l/tr/m²) 0,10, 1 coat

- Homogeneous PVC:
Dilution 4716:water = 1:1,
coverage (l/tr/m²) 0,15, 1 coat

- Stone and ceramics:
Dilution 4716:water = 1:1 + powder**,
coverage (l/tr/m²) 0,15, 1 coat
**scatter in powder or fine sand and brush into the wet primer

Storage conditions

Stored in dry and frost free conditions and not exposed to direct sunlight, unbroken packaging can be stored for minimum 24 months. Incorrect storage could have an adverse impact on the product properties. Older material should be tested, using the stipulated mixing ratio, to ensure that the product properties are intact and the material dries and cures within 1-2 hours after application under normal conditions. Longer drying times and no film formation or penetration into concrete/cement-based substrates indicate that the product properties have been disrupted and the material should not be used. Avoid adding more water than recommended.

Package

Plastic bottles 1 litres
Plastic can 5, 10, 25, 100 litres.

also one week after that. The relative humidity of the ambient air must not be above 70% to allow efficient drying of the primer. Insufficient drying time and/or poor film formation due to low temperature and/or high humidity should be observed as that may result in pinholes in the leveling layer.

Mixing

weberfloor 4716 is diluted with clean water according to the ratios given in the table below. Water should always be measured first and the primer subsequently added (addition of water to the concentrated primer may result in foaming). The water/primer solution will easily mix when stirred. When working with the primer, always make sure good ventilation is available.

Work instructions

Pour the diluted primer over the floor surface and distribute evenly with a rubber squeegee, soft brush, roller or primer pump. Make sure no puddles are formed and that a uniform film is applied on the entire surface. Allow to become touch dry (3-4 hours under normal conditions or overnight under poor drying conditions). When using a primer pump the surface should be primed at least twice, or once in flowing form, and then brushed with a soft brush.

Safety regulation

See current Material Safety Data Sheet.

Disclaimer

As there are different conditions at every opportunity, Weber can not be held responsible for anything other than the information provided under the heading "Product Specification". Examples of information and circumstances, which are outside Saint-Gobain (whether specifically stated or not) include storage, construction, processing, interoperability with other products, workmanship and local conditions.

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