weber.floor 4716 Primer

PRODUCT ADVANTAGES

Pre-treatment of all types of substrates prior to application of Weber Marine floors.

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

PRODUCT DESCRIPTION

weber.floor 4716 Primer is a styrene acrylate dispersion which is diluted with clean water and intended for use with Weber Marine floor screed products. weber.floor 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.

SUBSTRATE

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

weber.floor 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 weber.floor 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 weber.floor 4716.

PRODUCT SPECIFICATON

PACKAGING

1, 5, 10, 25, 100 litres.

STORAGE

When stored in unopened and intact packaging, under dry conditions, shelf-life is min. 24 months from date of manufacture. 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.

PRE-TREATMENT OF SUBSTRATE

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.

Oppdatert: 23.01.2017

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 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

weber.floor 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 foa¬ming). The water/primer solution will easily mix when stirred. When working with the primer, always make sure good ventilation is available.

MIXING RATIOS			
SUBSTRATE	**DILUTION 4716:WATER**	**COVERAGE (L/M²)**	**NO. OF COATS**
CONCRETE/CEMENT-BASED	**1:5 + 1:3**	**0,15**	**2**
WOODEN SUBSTRATES/ LINOLEUM	**5:1**	**0,20**	**1**
STEEL DECK	**5:1**	**0,20**	**1**
WEBER.FLOOR 4710N EPOXY PRIMER	**1:3**	**0,10**	**1**
HOMOGENEOUS PVC	**1:1**	**0,15**	**1**
STONE AND CERAMICS	**1:1 + POWDER****	**0,15**	**1**

** scatter inn powder or fine sand and brush into the wet primer

APPLICATION

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.

FIELD OF APPLICATION

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

PRACTICAL ADVICE

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.

SAFETY INSTRUCTIONS

See current Material Safety Data Sheet.

DISCLAIMER

Since there are different conditions and requirements that apply in any case, Saint-Gobain Byggevarer AS cannot be liable for other than the information provided in this product datasheet. Examples of information and conditions beyond Saint-Gobain Byggevarer AS's responsibility (if specially pointed out or not), involves storage, construction, preparation, how the product works together with other products, workmanship and locale conditions. The information provided in this product data sheet is based on our current knowledge and experience about the product. All of the above information must be considered as guidelines. It is the user's responsibility to ensure that the product is suitable for the intended use, and also to perform acceptance check and self-inspection control. The user is responsible if the product is used for purposes other than recommended or for improper installation.

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Oppdatert: 23.01.2017