

# Weber.floor 4716 Primer (Marine applications)

## Product description

Weber Floor 4716 Primer is a styrene acrylate dispersion which is diluted with clean water and intended for use with Weber's screed products. Floor 4716 does not contain ammonia, and offers good alkali resistance and adhesion properties in both wet and dry environments. In addition to improve adhesion to the substrate, the function of the primer is to prevent air bubbles and de-watering of the screed before hardening.

## Field of application

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

## Substrate

Floor 4716 Primer is designed for use on a wide range of substrates such as steel decks, in-situ, pre-cast and light-weight concrete, ceramics, stone and wooden floors. Steel decks should be treated with a rust protecting shop primer before application of Floor 4716. Make sure the rust protecting shop primer is compatible with Floor 4716 before application.

Floor 4716 is also suitable for use on galvanized steel and aluminium decks provided these substrates have been primed with sand sprinkled Floor 4710N Epoxy Primer prior to application of Floor 4716. For details see separate data-sheet for Weber Floor 4710N Epoxy Primer (Marine applications). If a third party epoxy primer is being used, check for compatibility with Floor 4716.

## Pre-treatment

The substrate should be dry, clean and free from dust, cement, grease or other impurities which might reduce adhesion. For film to form on the primer the substrate temperature should not fall below +6°C. For best results the temperature of the work area should be 10-15°C. Should pore formation occur in the screeding compound, this is often a sign that the substrate is very absorbent and extra priming is then recommended. If the substrate is sand sprinkled Floor 4710N, make sure all residual/loose sand is vacuumed off the floor before application of Floor 4716.

## Mixing

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 foaming). 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/m <sup>2</sup> )	No. of coats
Concrete	1:3	0.10	1
Wooden floors/linoleum	5:1	0.20	1
Steel deck	5:1	0.20	1
4710N Epoxy Primer	5:1	0.20	1
Homogeneous PVC	1:1	0.15	1
Ceramic tiles	1:1 + powder**	0.15	1

\*\* sprinkle in powder or fine sand and brush into the wet primer

## Application

Pour the diluted primer over the floor surface and distribute evenly with a soft brush. Make sure no puddles are formed and that a uniform film is applied on the entire surface. Allow to become touch dry (3-5 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.

## Observe

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 floor temperature should exceed +10°C during and after application and one week after that. The relative humidity of the ambient air must not exceed 70% to allow efficient drying of the primer. Insufficient drying time or poor film formation due to low temperature and/or high humidity may result in pinholes in the leveling layer.

## Cleaning and Cares

Once dried, the primer is difficult to remove so care should be taken to clean tools quickly before the primer dries. Use water for cleaning.

## **Storage**

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The storage time in concentrated form is 12 months in dry, frost free conditions. If Floor 4716 has been allowed to freeze it must not be used.

## **Package**

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1, 5, 10, 25, 100 litres

## **Drying time**

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3-5 hours (under normal conditions)  
Overnight (under poor conditions)

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