

# webercem fairing coat

## Cementitious levelling mortar for concrete

- Polymer modified
- Easy to spread to provide a smooth and level surface
- Good adhesion to concrete and Weber repair mortars

### About this product

**webercem fairing coat** is a polymer-modified, cementitious mortar mix. It is preblended, contains a polymer powder and simply requires the addition of clean water to produce a mortar suitable for producing a high quality level surface for most concrete surfaces. This product has been formulated to comply with the requirements of BS EN 1504-3 as an R1 mortar.

### Features and benefits

- Easy to apply, excellent application properties.
- Easy to spread to provide a smooth and level surface
- Good adhesion to suitably prepared concrete
- Compatible with typical concretes or Weber cementitious hand-placed repair mortars
- Factory pre-blending eliminates onsite mixing errors and variations in quality, availability and grading of local cements and aggregates

### Uses

- Levelling new and old concrete surfaces
- Making good frost damaged and scoured concrete surfaces
- Levelling of patched concrete repairs

### Constraints

- Do not use solvent based coatings



**TROWEL  
APPLIED**



**MEETS BS EN 1504-3  
AS AN R1 MORTAR**



**MECHANICAL  
MIX**



**ADD WATER**



**YIELD**



## Preparation

**webercem fairing coat** is suitable for use on concrete. It is not suitable for blocks or bricks.

All substrates must be sound, free of all contamination including laitance, paint, coatings, oil, grease and dust.

Concrete surfaces must be adequately prepared by use of suitable mechanical means such as grit blasting, high pressure water jetting or needle gunning to produce a lightly textured surface to ensure a good key.

It is not suitable for surfaces contaminated with oil or grease. New concrete must be fully cured for a least 14 days. Do not use a permanent curing membrane on the fresh concrete.

Defects such as honeycombing, leaks, pinholes, cracks should be treated appropriately prior to the application of **webercem fairing coat**.

## Mixing

Mix **webercem fairing coat** in a forced-action mixer or in a clean bucket using a paddle and a slow speed drill at a speed not exceeding 400rpm.

Mix for at least 2 minutes to a smooth and homogeneous paste consistency. For normal levelling applications use 3.1 to 3.3 litres of water per 20kg bag.

Usable time after mixing is between 45 minutes and 1 hour.

## Application

Ensure all pores, surface voids are filled first before applying webercem fairing coat as a levelling mortar.

Apply with a steel float to a thickness of about 2-3mm pressing well into the damp substrate.

If a thicker coat is needed to hide deeper surface imperfections, apply the second coat when the mortar has hardened sufficiently to support it.

Minimum thickness of application: 2-3mm.

Maximum thickness of application: 5mm, small areas deeper than 5mm can be dubbed out with **webercem fairing coat** allowed to dry prior to the final 5mm levelling coat being applied.

To finish rub up with a damp sponge to produce a level surface suitable for over-coating.

## Curing

Normal concrete curing methods are recommended. Do not use a curing agent when applying a coating unless it can be proven that the subsequent bond will be unimpaired.

**webercem fairing coat** can be over-coated with **webercote smooth** an anti-carbonation coating, or with **webersil P** high performance silicone enhanced paint.

Use of coatings over **webercem fairing coat** are subject to relevant fire testing and regulations, please see individual product data sheets for more information.

Over-coating times are dependent on weather conditions.

The temperature range of application is between +5°C and +30°C.

Do not apply on frozen surfaces or when frost is expected within 24 hours.

Do not apply in direct sunlight or on hot substrates.

When applying in confined or close spaces, cure for 3 days then ensure sufficient ventilation to prevent condensation.

**Note:** Times quoted need to be extended at lower temperatures and reduced at higher temperatures.

## Packaging

**webercem fairing coat** is supplied in 20kg bags.

## Yield

Actual yield depends on water mix ratio  
Yield is approximately 12.5 to 14.0 litres.

## Storage and shelf-life

When stored unopened in a dry place at temperatures above 5°C, shelf life is 12 months from date of manufacture.

## Health and safety

For further information, please request the Material Safety Data Sheet for this product.

## Technical data

Water addition	3.1 - 3.3 litres
Pot life	45 mins - 1 hour at 20 °C

BS EN 1504-3		All tests carried out at max. water addition at 20°C unless otherwise stated		
Performance characteristic	Method	Requirement	Result	Pass/Fail
Compressive strength	EN 12190	≥10 MPa	>10 MPa	Pass
Chloride ion content	EN 1015-17	≤0.05 %	<0.05 %	Pass
Adhesive bond	EN 1542	≥0.8 MPa	>0.8 MPa	Pass
Thermal compatibility Part 1 Freeze-thaw	EN 13687-1	Visual inspect after 50 cycles	Average crack width ≤0.05mm with no crack ≥ 0.1mm and no delamination	Pass
Reaction to fire	EN 13501-1	Declared value	A2-s1, d0	

## Other data

Oxygen diffusion coefficient	EN 1062-6:200	N/A	1.80 x 10 <sup>-8</sup> m <sup>2</sup> s <sup>-1</sup>	
Estimated carbon dioxide diffusion coefficient	EN 1062-6:200	N/A	5.69 x 10 <sup>-9</sup> m <sup>2</sup> s <sup>-1</sup>	

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