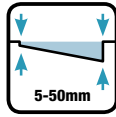


# CERMIROAD FIX

## BONDING MORTAR FOR KERBS



Grey



## DESCRIPTION

High strength, fibre-reinforced, ready-to-mix mortar made of special cements. (CEM PMES NF)

## ADVANTAGES

Shrinkage-compensating

- High mechanical strength
- Good sulfate-resistance (salt water, sewers, etc.)
- Can be used to correct uneven areas in a substrate up to 50 mm
- Good resistance to de-icing salts and in freeze/thaw cycles
- Easy to use and clean
- Excellent adhesion to concrete and asphalt mix

## WHERE TO USE

- For bonding concrete traffic islands, kerbs, paving, basins
- For making joints and edges

## HOW TO USE

Note: The following is a typical description of the application. If your site has other parameters, contact our Technical Department.



4.25L  
for 25 Kg



Application  
temperature



Pot life  
20 min



Clean with  
water

## SURFACE PREPARATION

**Before applying the product to a concrete surface**, ensure the surface is perfectly clean, without any friable parts, grease, oil or other soiling that would interfere with a good grip. Methods that achieve this include finishing with a bush hammer, milling, hammering or any other method that is sufficiently efficient produce an adhesion value greater than 1.5 MPa on average.

**After preparation**, moisten the substrate thoroughly until saturated. Clear away any residual water. Asphalt must be washed at high pressure in the hours preceding application.

## PREPARING THE MIXTURE

Mix 25 kg of CERMIROAD FIX in a maximum of 3.5-4.0 l of water. Pour 90% (3.8 l) of the water into a mixing bucket.

Gradually add the powder while mixing with a mixer (400 to 600 rpm) for 3 minutes until a homogeneous consistency is achieved.

Stir again by slowly adding the remaining water until the desired consistency is achieved (never exceed the prescribed amount).

For small quantities, the product can also be mixed manually with a trowel.

## APPLICATION

Spread the CERMIROAD FIX about 5 to 10 mm thick using a notched trowel or builders' trowel (the final thickness after laying should be at least 3 to 5 mm). Position the elements to be laid on the mortar.

Adjust using a rubber mallet and a ruler within 20 minutes, then fill and finish the edge joints using a trowel or a joint applicator.

## APPLICATION CONDITIONS

Do not apply to frozen or thawing substrates, or if it may freeze within 24 hours. Do not apply on substrates that are too hot.

Application temperature: +5°C to +30°C  
Start of set: approximately 90 min  
End of set: approximately 280 min  
Pot life: 20 minutes at 20°C

## CLEANING AND MAINTENANCE

The equipment must be cleaned immediately with clean water. Once cured, the product has to be removed mechanically.

## COMMENTS

Any product that begins to harden should no longer be used.

Eventually, remove any excess adhesive that might spill over the roadway component. Avoid shocks or crushing for approximately 12 hours.

## TECHNICAL CHARACTERISTICS

### COVERAGE

About 2 kg of powder/m<sup>2</sup>/mm thick.

### TECHNICAL CHARACTERISTICS

Technical Characteristics	Value	
Maximum particle size	1,6 mm	
Mixing density	2,2	
Compressive strength	at 1 day	30 MPa
	at 7 days	40 MPa
	at 28 days	70 MPa
Flexural strength	at 1 day	6 MPa
	at 28 days	9 MPa

	<b>CERMIROAD FIX</b> <b>0333 - CPR - 030016</b>
	<b>CERMIX - Rue de la Belle Croix - 62 240 DESVRES</b>
EN 1504-3 Concrete repair product for structural repair CC mortar	
Compressive strength	Class R4 (≥ 45 Mpa)
Chloride ion content	≤ 0,05%
Adhesion	≥ 2,0 MPa
Shrinkage/expansion prevented	3,3 / 3,2 MPa (≥ 2,0 MPa)
Carbonation strength	Satisfactory
Modulus of elasticity	36,5 GPa
Thermal compatibility Part 1, freeze-thaw	≥ 2,0 MPa
Slip and skid resistance	NPD
Coefficient of thermal expansion	NPD
Capillary absorption	≤ 0,5 mm kg.m <sup>-2</sup> .h <sup>-0,5</sup>
Reaction to fire	Class F
Hazardous substances	See safety data sheet

## PACKAGING

25 kg bag – 48 bags per pallet

## STORAGE & SHELF LIFE

Can be stored for 12 months from the manufacturing date in the original, unopened packaging.

Store away from moisture, at temperatures between +5°C and +35°C.

## SAFETY INSTRUCTIONS

- EMISSIONS IN INDOOR AIR (1): Information on the level of volatile substances emitted in air indoors, presenting a toxicity risk by inhalation, on a classification scale ranging from A+ (very low emissions) to C (high emissions).
- Consult the safety data sheet at [www.quickfds.fr](http://www.quickfds.fr) or ask CERMIX France for it.
- Always wear personal protective equipment that meets current guidelines and regulations.
- Dispose of the contents and container in accordance with local/regional/national/international regulations.

We reserve the right to update this technical document. It is the user's responsibility to always check whether there is a more recent version available at our website, [www.cermix.com](http://www.cermix.com). It is the responsibility of the person using the products to ensure that the products are compatible and suitable for the planned use. Prior tests may be carried out to confirm that products behave as expected.