



NEO FIX

CEMENT MODIFIER

PRODUCT CODE: ZZ00

TECHNICAL DATA SHEET NO. 04-Repair & Renovation-10

MARCH 2018

Product Description	NEO Fix is an additive for cement plaster and concrete to improve flexibility and adhesion. The product can also prevent penetration of oils, grease etc. The base of the product is a synthetic resin emulsion resistant to alkali in new plaster and concrete.	
Application Areas	<ul style="list-style-type: none">Plaster applied on brickwork primed with a coat of NEO Fix will adhere much better to the substrate.Repair work carried out on plaster or concrete is usually a problem due to poor adhesion of the new mortar on the existing substrate. An addition of NEO Fix will improve the adhesion.Dams plastered with an addition of NEO Fix to the plaster will not crack and leak as easily as untreated ones.NEO Fix can be added to lime wash based coatings or powdery cement based paints to improve adhesion and the scratch resistance of the coating.By adding NEO Fix to mortar for floor screeds an excellent resistance against mineral oils and other liquids will be achieved.NEO Fix should not be used as a bonding liquid on poor and loose substrates for paint application. It lacks the penetration abilities of a real bonding liquid. Use NEO Bonding Liquid (ig00) in such case.	
Product Features	<ul style="list-style-type: none">NEO Fix is an indispensable product for the bricklayer and plasterer when dealing with repair work. The resin of NEO Fix improves the adhesion ability of the mortar/plaster considerably if added to the mixture.If plaster has to be removed completely from the brickwork and replaced, a prime coat of NEO Fix will increase the adhesion of the new plaster on to the brickwork.NEO Fix makes plaster and concrete much more waterproof. Dams plastered with an addition of NEO Fix to the plaster will not crack and leak as easy as untreated ones. The same applies for dams cast from concrete.Floors made with an addition of NEO Fix are more resistant to mechanical wear and tear due to the improved flexibility of the mortar. The compression strength of concrete will also be improved.	
Product Data	Resin Base	Synthetic resin emulsion
	Drying Time	30-60 minutes
	Solid Matter by Content	By volume: 36,3% By mass:38%
	Spreading Rate	5-6 square metres per litre
Application Details		
<ul style="list-style-type: none">Mixing	Addition to plaster or concrete preferably by mixing in a concrete mixer, otherwise ensure a good and equal distribution of NEO Fix in your mixture.	
<ul style="list-style-type: none">Application Method	With brush.	
<ul style="list-style-type: none">Cleaning	Clean tools with water immediately after use.	
<ul style="list-style-type: none">Application	<ul style="list-style-type: none">Addition to plaster or concrete preferably by mixing in a concrete mixer, otherwise ensure a good and equal distribution of NEO Fix in your mixture.Apply with a brush.Clean tools with water immediately after use.	
Surface Preparation		
<ul style="list-style-type: none">Plaster or Brick	<ul style="list-style-type: none">Plaster or brick substrate should be firm and completely dry.Add mixture to plaster or concrete mortar for repair work.Add an amount of approximately 10% per volume of NEO Fix to mortar mixture. Leave out corresponding amount of water.Apply one coat of NEO Fix with paint or lime wash brush.	



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<ul style="list-style-type: none">• For Oil and Waterproofing of Floor Screeds	<ul style="list-style-type: none">• Add an amount of 5% to 15% by volume of NEO Fix to mortar mixture for the topping layer of screed.• The higher the addition of NEO Fix, the lower the penetration of liquids becomes but the amount of +15% NEO Fix should not be exceeded. Higher additions can have a negative effect for the floor quality.• The application of NEO Fix directly on ready laid floors is not recommended except if an additional topping, which contains NEO Fix, is applied at a certain minimum thickness.
<ul style="list-style-type: none">• Waterproofing of Dams	<ul style="list-style-type: none">• New dams<ul style="list-style-type: none">○ Add an amount of approximately 10% NEO Fix per volume to the concrete/plaster mixture.• Repair of existing dams<ul style="list-style-type: none">○ Make sure dam is dry.○ Remove any moss and fungus from walls.○ Prime existing plaster/concrete with a mixture of 1 part NEO Fix, 1 part Portland cement and 1-2 parts of fine plastering sand. Add water if required.○ Apply a reasonably thick layer of topping containing an addition of approximately 10% NEO Fix by volume.
Colour Range and Quantities	<ul style="list-style-type: none">• NEO Fix is a milky, white liquid and dries to a clear, transparent coating.• Available in 1 litre, 5 litre 20 litre containers.• 200 litre containers can be supplied on request.
Precautions	<ul style="list-style-type: none">• The product is not flammable.• The product contains no harmful substances.
Disclaimer	NEO Paints can not be held liable if the product fails due to improper surface preparation or application.
NEO PAINTS FACTORY (PTY) LTD Reg No 2002/214	
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