

SWS Bondaid Plus

Product Description

SWS Bondaid Plus is a styrene butadiene copolymer latex which has been specifically designed for use with cement compositions. When incorporated into cement mortar mixes it forms polymer modified systems which exhibit excellent adhesion, improved tensile, flexural and compressive strengths, as well as resistance to water and water vapour. **SWS Bondaid Plus** mixes are non toxic and can be used with potable water.

Benefits

- Improves adhesion of slurry coats and sand/cement mixes
- Increases resistance to salt effervescence
- Improves workability
- Increases flexibility of cement-based materials
- Enhances response to thermal movements

Properties

Appearance	White/milky liquid	
Size(s) & Packaging	5 litre and 25 litre jerry cans	
Coverage	Primer	Dilute 1:4 with water and apply by brush.
	Bonding Coat	Dilute 1:2 with water and apply by brush. A apply render or plaster while still tacky.
	Cement Admixture	Add 5 to 7.5 litres of dilute Bondaid Plus to 25kg of cement.
	Filler/ Plaster Admixture	Dilute 1:1 with water and add to mix in place of water.
Storage	Store in a cool, well ventilated area. Keep container tightly closed. Protect from frost	
Shelf Life	12 months	



Typical properties when used with a 3:1 sand cement render mix

Compressive strength	69 N/mm ²
Tensile strength	6.5 N/mm ²
Flexural strength	13 N/mm ²
Freeze/thaw resistance	Excellent
Water vapour permeability	Reduced by 98%
Adhesion	Excellent to concrete, steel, brick, glass, etc.
Chemical resistance	Resists mild acids, alkalis, sulphates, chlorides, urine, dung, lactic acid, sugar, etc.
Shrinkage during cure	0.01%
Resistance to water under pressure – 30metre head	Excellent – no water penetration

Application Information

Preparation

Prior to the application of **SWS Bondaid Plus** either in the form of a primer coat, slurry coat or modified mix the substrate surface must be fully prepared. Any exposed reinforcing steel must be clean and free from grease, oil, scale and rust. If being used to repair spalled or damaged concrete ensure background is cut back to sound material.

SWS Bondaid Plus may be used as a concentrated material or diluted with water at varying rates dependant upon its intended use. If used in the gauging water of a sand and cement mix the excellent plasticising properties of **SWS Bondaid Plus** will mean that less water is required. Add any further water cautiously as rapid thinning can occur.

SWS Bondaid Plus modified mixes may be slightly darker than corresponding un-modified mixes.

Other Information

Information given is in good faith based on experience and usage, however all recommendations are made without warranty or guarantee, since the conditions of use are beyond our control. All goods are sold in accordance with our Conditions of Sale, copies of which are available on request. Customers are advised that products, techniques and codes of practice are under constant review and changes occur without notice; please ensure you have the latest updated information.