

Durex® Acrylic Resin Bond

100% Acrylic Polymer Cement Modifier

Description	Durex® Acrylic Resin Bond is a water-based 100% acrylic polymer cement additive. Durex® Acrylic Resin Bond has been specially formulated to provide maximum adhesion and ideal application properties when used as a versatile general purpose latex additive to Portland cement-based plasters and repair mortars.
Uses	Durex® Acrylic Resin Bond when mixed with Durex® Uniplast is used as: <ul style="list-style-type: none"> Concrete wall and floor patching for shallow and deep repairs, in maximum lifts of 6.4 mm (1/4"). Durex® Acrylic Resin Bond can be used as a general purpose latex additive in providing a: <ul style="list-style-type: none"> Latex/cement slurry bonding mix Sand/Portland cement repair mortar and parging mix
Features	Durex® Acrylic Resin Bond is formulated to provide: <ul style="list-style-type: none"> Superior bonding to concrete and masonry Longer open time of mixes Consistent job site quality control Simplified job site mixing as no water or other additives required Low moisture absorption rate of the mixes Higher compressive and flexural strength of cementitious mixtures Reduced shrinkage and cracking plaster mixes Versatile general bonding additive

TECHNICAL DATA

PHYSICAL PROPERTIES	
Product type	Water-based acrylic emulsion
Appearance	White milky liquid
Viscosity	60–100 cps
pH Level	9.0 to 9.5
Toxicity	Non-toxic
Mix open time	45 minutes
Mixing ratio	(See Durex® Uniplast, Group F) Masonry parge coat: 1 bag Uniplast Grey Medium, 5 litres Durex® Acrylic Resin Bond 4.65 m ² @ 3mm (50 ft ² @ 1/8") Cement plaster base: 1 bag Durex® Uniplast Grey Coarse, 4.5 litres Acrylic Resin Bond 2.32 m ² @ 6mm (25 ft ² @ 1/4")
Bond coat	25 Kg Portland Cement, 8 litres Durex® Acrylic Resin Bond
Plaster base	(See Durex® Uniplast, Group F)

Packaging Durex® Acrylic Resin Bond is readily available in 4 litre containers, 18.9 litre pails and 45 gallon (205 litres) drums.

Storage Store Durex® Acrylic Resin Bond in a dry, vented, waterproof location, stacked off the ground with ambient temperatures above 5°C (41°F). Keep material dry, protected from rapid temperature changes, dampness and moisture and away from direct sunlight. **KEEP FROM FREEZING. DISCARD ANY FROZEN MATERIALS.**

Mixing Procedure Mix Durex® Acrylic Resin Bond with Portland cement-based plasters or repair mortars to the proportions noted in the data sheet of the dry component being mixed. The viscosity of the matrix, as desired, can be adjusted with an additional small amount of Durex® Acrybond S. Mix thoroughly until matrix is free of lumps. Do not over mix or mix with mixing paddles at speeds over 600 rpm as excessive air will be induced into the mix which will affect the long-term performance of the mixture. Let mixture stand for 5 to 10 minutes, then re-temper and use. Discard all mixtures which begin to harden a second time. Thoroughly mix Durex® Acrybond S before each use. Discard all frozen materials, materials which have formed solid lumps at the bottom of the container and materials which do not appear to be of a homogeneous viscosity. **DO NOT SUBSTITUTE NOR COMPENSATE DUREX® ACRYLIC RESIN BOND WITH ANY OTHER TYPE OF MIXING LIQUID MEDIUM.**

Clean-up Clean all tools promptly after each use with clean water. Do not allow mixes to dry on tools.

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Health and Safety For information and advice on the safe handling, storage and disposal of chemical products, refer to the most recent SDS sheet containing physical, environmental, toxic and other safety/materials handling data. For industrial use only. Keep out of reach of children.

Warranty Durabond warrants this product is free of manufacturing defects, and will replace at no charge, provided it has been applied within 12 months of purchase, it has been installed for uses suitable for this product and in accordance with the manufacturer's instructions.

Technical Services Technical support is available upon request at info@durabond.com. For the latest version of this data sheet, please visit our website at www.durabond.com, call toll free at 1-877-DURABOND (387-2266) or speak with your Durabond Products Ltd. sales representative.



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