

DATA SHEET

401 **POLYMER CEMENT ADDITIVE**

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V1-28/11/2014

DESCRIPTION

- A Latex emulsion admixture used to waterproof and improve the properties of cement screeds, slurries and mortars.

PRACTICAL USES

- Water-resistant renderings.
- Damp-proof layers.
- A bonding liquid for plaster.
- A tile adhesive.
- Waterproofing of ponds, reservoirs, retaining walls and silos.

ADVANTAGES

- Increased adhesion.
- Allows thin application of slurries and screeds.
- Improved flexibility and impact resistance.
- Improved water resistance.
- Improved chemical and stain resistance.

PREPARATION

- Surface must be clean, sound and free from oil and contaminants. Remove all loose surface laitance by acid etching. Pre-dampen surface with clean water prior to application.

MIXING

- Ensure thorough mixing of all components using a slow speed mechanical mixer.

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TYPICAL QUANTITIES

	Bonding & Bagging Slurry		Waterproof Slurry		Light Duty Screed		Heavy Duty Screed	
	5L	5kg	5L	5kg	5L	5kg	5L	5kg
401	5L	5kg	5L	5kg	5L	5kg	5L	5kg
Water	5L	5kg	5L	5kg	5L	5kg	5L	5kg
Portland Cement	10L	15kg	15L	18kg	40L	50kg	40L	50kg
Plaster Sand	10L	16kg	-	-	-	-	-	-
River Sand	-	-	-	-	100L	150kg	75L	100kg
Stone 6 – 9mm	-	-	-	-	-	-	50L	75kg
YIELD (VOLUME)	20L		15L		90L		100L	

- The waterproofing slurry may be reinforced with a polyester membrane when used as a lining or to bridge gaps.

HOW TO SPECIFY

- All surfaces to be prepared and waterproofed with 401 Polymer Cement Additive according to the manufacturer's instructions.

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TECHNICAL DATA

No. OF COMPONENTS	: 1
COLOUR	: Milky White
CONSISTENCY	: Liquid
DENSITY	: 1.00
POT LIFE (WITH CEMENT)	: 90 minutes
INITIAL CURE	: 24 hours
FULL CURE	: 28 days
COMPRESSIVE STRENGTH OF SCREED	: >25mPa
PACKAGING	: 5L&25L
SHELF LIFE	: 12 months

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