

P6 J JAYCOCRETE STANDARD LATEX WATERPROOFER

DESCRIPTION

Jaycocrete is a special type of synthetic rubber latex for use with cement and cementitious mixtures. The cement/Jaycocrete mixture shows the following advantages over conventional cement mixes :

- Greatly improved adhesion even to dense impervious concrete
- May be applied in thin layers
- Excellent resistance to water and water vapour
- Improved resistance to some chemicals
- Diminished dusting
- Improved toughness and flexibility

PHYSICAL PROPERTIES

TYPE	: Special synthetic rubber latex
SPECIFIC GRAVITY	: Approx. 1.0
COLOUR	: Milky white
pH	: 11
SOLIDS CONTENT	: 15%
FREEZE	
Thaw stability	: Good – but avoid freezing – thaw cycles
ADHESION TO CONCRETE	: Excellent
ADHESION TO STEEL	: Excellent
ADHESION TO GALVANISED METAL	: Excellent
WATER RESISTANCE	: Excellent
APPLICATION TEMP.	: 2°C to 30°C

APPLICATION

- Water resistant renderings on interior, exterior walls and basements.
- Sealing of porous concrete surfaces in reservoirs, dams, troughs and fish ponds
- Leveling of floors prior to laying tiles

- Patching and repairing of concrete areas
- Screeding and topping for industrial floors
- Nosings for stairs
- Corrosion protection for reinforcing steel in concrete structures.
- Lining of effluent ducts
- Grouting between tiles
- Waterproofing for foot traffic areas

INSTRUCTIONS FOR USE

- 1 The applications of Jaycrete is highly varied and only general instructions can therefore be given. For specific applications small experiments will generally show which mixture is the most suitable.
- 2 Jaycrete slurry – as waterproof rendering on various surfaces :
 - 2.1 *Ensure surface to be treated is clean and firm*
 - 2.2 *Always pre-damp surface immediately before application of the slurry to avoid suction*
 - 2.3 *Mix 1 volume of Jaycrete with 1 to 1.5 volumes cement and apply at a rate of 1m² per litre.*
 - 2.4 *When dealing with cracked surfaces bed a layer of fiberglass tissue or non-woven polyester cloth into the Jaycrete\cement mix before it dries.*
 - 2.5 *Apply at least one more quote as in item 2.3 above*
 - 2.6 *Allow 3 days curing*
3. Jaycrete mortars – for screeds and large patches :
 - 3.1 *Preparation – Refer item 2.1 and item 2.2 above*
 - 3.2 *Prime surface with a 1 : 1 by volume Jaycrete/cement mix at a rate of 1m² per litre immediately before placing the mortar*
 - 3.3 *Mix 2 to 4 volumes of aggregate, with a maximum particular size of 3mm with 1 volume of cement*
 - 3.4 *Add Jaycrete in place of water to the above mix, and mix thoroughly to a stiff yet workable mix.*
 - 3.5 *Follow ordinary good plastering or screeding practices to place the mix. Finishing is easier if tools are periodically wetted with the neat Jaycrete.*
 - 3.6 *Cure in the same manner as for normal plaster or mortar mixes. Keep damp for at least 3 days*

PACKING AND COVERAGE

Jaycocrete is supplied in a 5,, 20, 200 litre drums. Since the applications vary and the mixed vary, only an approximation of usage can be given.

Jaycocrete slurry will require approx. 0.5 litre Jaycocrete per m² per coat. Jaycocrete mortar applied at 10mm thickness will require approx. 2 litre of Jaycocrete per m².

NOTE 1

Neat Jaycocrete applied at a rate of 6 – 8 m² per litre, is an excellent primer on newly plastered walls. Not only does it improve the coverage of the paint but also binds the outer surface of the plaster.

NOTE 2

Jaycocrete is also available in a super grade. Used neat, it may be poured into cracks, even for water retaining structures to avoid seepage.

The information contained in this technical data sheet is to the best of our knowledge correct. **NO GUARANTEE IS EXPRESSED OR IMPLIED.** Users must satisfy themselves as to the efficacy of the product in their application.