

CEMENTITIOUS WATERPROOFING SLURRY

DESCRIPTION

Aqua slurry is a ready-for-use (just add water) Portland cement based waterproofing slurry. It consists of a blend of cements, graded quartz and active polymers.

USES

Aqua slurry is an economical, easily applied method of providing a permanent waterproof skin on concrete, plaster and brick surfaces. It may be used on both new and existing structures on either the positive or negative side.

Aqua slurry is recommended for:

- Foundations
- Basements
- Supporting walls
- Reservoirs
- Ponds
- Pools
- Underground structures

TYPICAL PHYSICAL PROPERTIES

Appearance	Fine powder
Bulk density	1.1 Kg/L
Service temperature (fully cured)	-40°C to 80°C
Color	Grey

ADVANTAGES

- Easy to use
- Economical
- Wide range of applications

SURFACE PREPARATION

Aqua slurry is designed for use on porous, absorbent surfaces. Highly porous surfaces such as common bricks should be plaster rendered before waterproofing. All surfaces must be clean and sound. They must be free of laitance, shutter release oil, dust, loose particles and any other foreign matter including fungal growth.

Large cracks and honeycomb should be given a thin coating of **Aqua slurry**, mixed as described in this data sheet. They should then be filled with 3:1 - 4:1 sand/cement mortar prior to applying the overall

Aqua slurry system. Floor/wall joints should be cut sand/cement mortar, prior to applying the **Aqua slurry** system.

BONDING/PRIMING

No primer required

MIXING

Aqua slurry only needs the addition of water to be ready for use. **Aqua slurry** need 7.5 to 9.5 litres of water to 25Kg bag of **Aqua slurry** when mix it produce a viscous creamy mixture.

Mixing may be done by hand or mechanical mixer and should be continued until a homogeneous, lump-free product results. On completion of mixing, material must be used within 60 minutes.

COVERAGE

1. Waterproofing externally against damp earth and moist ground. 2 COATS using 2-2.5 kg/m²
2. Waterproofing internally against rising damp or up to 1m head of underground water. 2 COATS using 3-4 kg/m². Treated floor surfaces must be protected against subsequent traffic with a cement rendering.

APPLICATION

Any surface to be treated with **Aqua slurry** must be fully saturated beforehand, preferably the day before.

Surfaces such as floors must be free of ponded water and verticals must be free of water running down the face.

Apply **Aqua slurry** by hand using either a medium-hard block brush.

Treatment must be applied in two or three coats. A second coat must be applied as soon as the first coat can no longer be disturbed by brushing. If a third coat is required it must follow within 24 hours, with the surface having again been pre-dampened.

PACKING

Aqua slurry is supplied in 25 kg polyethylene lined paper bags.



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