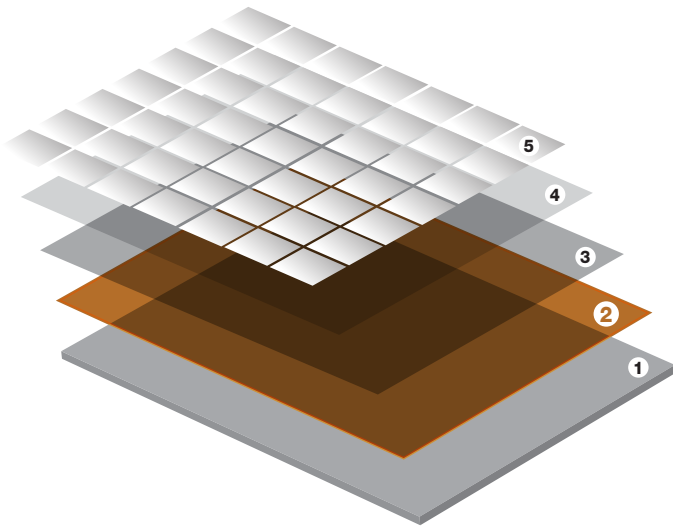




AQUA ELASTIC 990 High Elastic Waterproofing Coat

SYSTEM DIAGRAM



- 1. Concrete Floor
- 2. Aqua Elastic 990
- 3. Flow Screed 726
- 4. Dura Bond 362
- 5. Tiles

TECHNICAL PROPERTIES

Technical Properties	Value
Adhesive Strength to Steel and Concrete	$\geq 0.7 \text{ N/mm}^2$
Elongation	$> 100 \%$
Tensile Strength	$> 1.2 \text{ N/mm}^2$
Water Pressure Test	$> 0.5 \text{ Mpa}$
Water Pond Test	No Leakage
Crack Bridging	$> 1 \text{ mm}$

RECOMMENDATION

- Paint, mortar or render should be applied 2 days after application of Aqua Elastic 990
- Never apply $> 2\text{mm}$ total thickness which will cause delamination
- When apply for crack bridging, 1 coat should be enough

STORAGE

Shelf life is 6 months if stored in dry and cool place

PACKAGE

Part A approx. 25 kg Powder
Part B approx. 12.5 L Liquid

DESCRIPTION

Highly elastic two component polymer modified cementitious slurry for waterproofing and crack bridging

USES

- Internal and external waterproofing and damp proofing for AAC, concrete and plaster
- Waterproofing for bathroom, kitchen, basement, cellars, swimming pool and water tank
- Primer on steel frame or metal plate as an interface to mortar

BENEFITS

- Seamless waterproofing and can be used in swimming pool
- Highly elastic which is suitable for crack bridging on painted area
- Good adhesion to paint, steel and mortar, can be used as primer for steel structure
- Tiling can directly apply on **Aqua Elastic 990**

COMPLIED STANDARD

- EN 998, EN 1015
- ASTM D412
- DIN EN 1048



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PHYSICAL FEATURES

Physical Properties	Feature
Specific Gravity	1.03 kg/ L
Liquip	Synthetic Polymer Resin
Powder	Cement, Green Binder, Graded Sand
Consumption	1.0 kg/m ² /mm
Drying Time	8 Hours
Pot Life	2 Hours

APPLICATION

SUBSTRATE PREPARATION

- Substrate should be free from mould oil, grease, loose particles and contamination of foreign materials
- Steel substrate should be free from rusting

MATERIAL PREPARATION

- Slowly add powder part into liquid part with continue stirring
- Mix for at least 3 minutes by electrical mixer until homogeneous
- Apply the **Aqua Elastic 990** by brush or roller
- Two coats should be applied. Second coat can be applied in perpendicular direaction after at least 30 mins when the first coat is touched dry

CURING

- Natural air curing is sufficient
- Paint, tiling, mortar or render should be applied after 2 days curing
- Water ponding test can be carried out after 4 days curing

SAFETY

Wear NIOSH approved facemask during mixing as to avoid inhaling of dust.

May cause irritation to eyes and skin:

1. In case of contact with eyes, rinse immediately with water and seek for medical advice if needed.
2. In case of contact with skin, rinse immediately with soap and water. To seek medical advice if needed.

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