

## Description

Aqua Liq Seal is a low-odor polymer emulsion designed for modifying Portland cement compositions. The superior adhesion, ultraviolet light resistance, water resistance and increased mortar strength properties.

## Special Characteristics of Product

Application	Recommendation	Suitability
Tile Adhesive	2K	•
Water Proofing Membranes	With cement 2K	•
Skim coat	2K	•
Cement admixtures		•
Primer/Bonding agent		•
Putty/ Joint compound	Ready-to-use	○
<ul style="list-style-type: none"> <li>• Highly recommended</li> <li>○ Recommended</li> </ul>		

## Aqua Liq Seal Advantages

- ✓ Flexible waterproofing aqueous are used like stones, aerated light weight blocks and gypsum.
- ✓ Dispersion-bound waterproofing membranes provide an extremely high and long-lasting flexibility and very good adhesion on all inorganic and organic substrates
- ✓ Elastic Crack filling Compound with good compression strength.
- ✓ Generates water-vapor permeable.
- ✓ Excellent reduction of water uptake and soluble salts (e.g. chlorides)
- ✓ Significantly reduces the formation of white deposits on treated surfaces
- ✓ Resistant against alkaline environment.
- ✓ Apart from protecting the exterior of building constructions, there is a multiplicity of waterproofing materials for interior use, as for bath rooms, toilets, swimming pools, water tanks, etc.
- ✓ Improves Paint Coverage Area.

## Application Method

- Surface should be free from dirt, debris, efflorescence and other loose particles. Use of wire brush on the surface is recommended.
- Surface should be degreased by using suitable solvents.
- Using a saw, cut the concrete spalled area to a depth of at least 10 mm to avoid featheredging and provide string substrate.
- Clean the concrete surface completely to remove any contamination.
- Undulate the surface by light scabbing or grit blasting.
- Expose the corroded reinforced bar in workable area. Remove all particles and corrosion deposits.
- Clean the surface immediately for best result.

### Mixture Preparation

Area of Application	Mixture Aqua Liq Seal : Water :Cement	Application Procedure
As bond coat	1:4:8	<ul style="list-style-type: none"> <li>Apply a single coat of the mixed quantity of latex.</li> <li>When coat is tacky, apply the plaster of concrete according to the situation</li> <li>Always add cement to the liquid( Aqua Liq Seal : water-1:4)</li> </ul>
As waterproof coating	1:4:8	<ul style="list-style-type: none"> <li>Brush apply the 1<sup>st</sup> coat</li> <li>Apply 2<sup>nd</sup> coat after 1<sup>st</sup> coat is dry. Maintains 4-6 hours between two coats.</li> <li>Overlay the 2<sup>nd</sup> coat with acreed/plaster protection and fine finish.</li> </ul>
For “salt petre free plaster”	1:4:8	<ul style="list-style-type: none"> <li>Brush apply 1<sup>st</sup> coat on the brick.</li> <li>Apply 2<sup>nd</sup> coat after 1<sup>st</sup> coat is dry.</li> <li>When 2<sup>nd</sup> coat is tacky, place plaster.</li> </ul>
Renders, patching and crack repair mortar	5 Ltrs Aqua Liq Seal + 15 ltr water + 150kg sand + 5- kg cement	<ul style="list-style-type: none"> <li>Mix 5 Ltr. Aqua Liq Seal with pre-measured water for 50 kg of cement.</li> <li>Use this mix. To add the recommended dry mortar mixes.</li> <li>Mortar mixes may be as rich as 1:3((Cemet : sand)</li> <li>Keep water-cement ration in mortar as low as 0.4 but not more than 0.45</li> <li>Clean the cracked area properly of all loose materials.</li> <li>Wet the crack completely using a bottle spray.</li> <li>Apply a single coat as a bond coat prior to the crack filling of lates.</li> <li>Aqua Liq Seal as per the mixing proportions mentioned earlier.</li> <li>Fill the crack with above prepared mortar.</li> <li>Compact into the crack fully and trowel finish to level.</li> </ul>
As waterproof plaster/repair plaster/ Brick Joining Mortar/ Stone Laying Mortar	5 Ltrs Aqua Liq Seal + 20 ltr water + 150kg sand + 50 Kg OPC cement	<ul style="list-style-type: none"> <li>Mix 5 Ltr. Aqua Liq Seal with pre-measured water for 50 kg of cement.</li> <li>Use this mix. To add the recommended dry mortar mixes.</li> <li>Mortar mixes may be as rich as 1:3(Cemet : sand)</li> <li>Keep water-cement ration in mortar as low as 0.4 but not more than 0.45</li> <li>For better application apply a bond coat with supar lated as suggested earlier.</li> <li>2<sup>nd</sup> and final layer of plaster must not be mixed with Aqua Liq Seal.</li> </ul>

### Note:

The above given values are product describing data. Please consult the 'delivery specification' for binding product specifications. Further data about product properties, toxicological, ecological data as well as data relevant to safety can be found in the safety data sheet.

### Coverage

1 Ltr Aqua Liq Seal will cover Approx 60-80 Sq Feet in 2 Coats for Water Proofing Coat  
Mixing Proportion of mix (1: 4: 8) (Aqua Liq Seal: Water: Cement)

### Warning:

- Use rubber gloves & safety goggles while working with Aqua Liq Seal.
- In case of contact with eyes or skin, rinse thoroughly with clean water.
- Keep out of reach of children.