



## PU-7 – Waterproofing for Water Tank / Swimming Pool from Inside

### DESCRIPTION OF CHEMICALS

**(1) Aquasil-99:** Anti-Fungal, Penetrative & Nano technology of waterproofing Drastic Reduction in masonry maintenance cost with long term improved resistance to vagaries of weather. Protects Building , saves energy, keeps Substrate dry reducing the thermal conductivity. A water dilutable solution designed to impart repellency to masonry surface.

**(2) Aquaprime-99 :**Aqua prime- 99™ plays major role in facade coating system . It forms a dry water repellent zone beneath the coating consolidate the substrate and enhance bonding of the coating. It is gas permeable, durable, protects paints & plasters against harmful influences form within the masonry.

**(3) Fiber mash:** To strengthen & for reinforcement purpose. It is highly resistant to weather and sunlight. It is an elastomeric mash, forms a very tough bond with subtract having good permeability rating. Resistant to high alkali, mild acids, sulphates, salts, carbon dioxide.

**(4) DRY Powder EP44 –** Dry Powder EP 44 is a blended polymer modified with grey cement base adhesive to improve strength of the surface.

**(5) GIPUA (PU COATING):** It is a two component aliphatic urethane with exceptional resistance to chemicals and ultraviolet light. Each component is factory packaged in ratio & ready for onsite mixing. The resin component is colored differently and hardener is clear to give a visual on complete mixing prior to use.



# APPLICATION PROCESS

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1. Apply 1<sup>st</sup> Coat. (Nano Coat)  
Engineer Plus Aquasil-99,  
Engineer Plus Aquaprime-99 &  
water. (1:2:20)
2. Apply 2<sup>nd</sup> Coat of Fiber Mesh
3. Apply 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup> coating of  
Aquaprime-99, Water & DRY  
Powder EP44W (1: 1.5: 2)
4. Apply 6<sup>th</sup> & 7<sup>th</sup> Coat with Engineer  
Plus GIPUA PU

