SMAC® AQUASIL
Water Based Anticorrosive Coating

DESCRIPTION:
SMAC® AQUASIL is a two component Polysiloxane based high performance anticorrosive coating meant for metals. It has an excellent long term protective ability against chemical corrosion and mechanical abrasion on metals like steel by multiple action modes of the chemicals in it.

ADVANTAGES:
- Eco-friendly, being water based formulation
- High chemical and abrasion resistance
- Heat resistance up to 400 °C
- Cost effective replacement to galvanizing
- Long term cathodic protection to steel
- It can be applied on metal and wood as well
- Excellent adhesion with water base epoxy and solvent free Epoxy/ PU top coats

APPLICATION PROCEDURE:
First, remove all loose particles using wire brush. Clean the surface by water to remove oil, grease & contaminants on the surface. Then apply a coat of SMAC® AQUASIL by brush. The second coat should follow after the first coat is touch dry. A uniform coat must be applied to get good protection. Let the film dry completely. Now, the steel is ready with a long term protection. If desired, further coating treatment can also be applied over the SMAC® AQUASIL, as the film also acts as a primer coat with all the benefits of a regular paint primer. SMAC® AQUASIL can be termed as ‘Cold Galvanizing’ with all the benefits of hot-dip galvanizing. Further, because of the ‘Intelligent chemicals’ in the formulation, especially in metals like steel, passivation of the surface by blocking metal ion formation takes place. This phenomenon further protects the metals from electrochemical corrosion. This type of multiple action mechanism gives a long term durable protection to the treated metal surfaces, eliminating an early onset of corrosion.
APPLICATION AREAS:

- Chemical Plant Pipes & Vessels
- Construction Project Steel Elements
- Ships
- Railways
- Automobiles
- Industrial Steel Structures
- All other Industries where Corrosion is present.
- Wooden elements in coastal and damp environment

COVERAGE:

6 to 8 sq. m. in one coat per kg

RECOMMENDED COATS:

Two

POT LIFE:

4 Hours

PACKING:

3 kg Liquid & 7 kg Powder

SHELF LIFE:

12 months in originally sealed containers.

CAUTION:

Protect from splashes on skin & eyes. Use protective gear like goggles, hand gloves etc. In case of accidental splashing, wash with plenty of water. In case of ingestion, do not induce vomiting & immediately seek medical assistance.

Disclaimer: The information given in good faith is based on our in-house testing & site results. However, we do not guarantee the same as the conditions of actual use are beyond our control.

WE HAVE OUR OWN PROJECT DIVISION & UNDERTAKE LARGE PROJECTS.

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