

# SMAC<sup>®</sup> ELASTOBOND PU

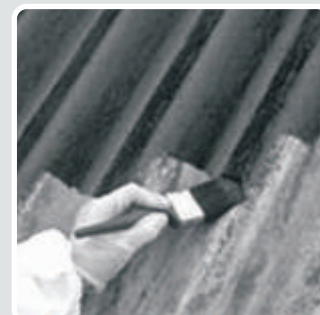
## WATER BASED ANTICORROSIVE COATING

### DESCRIPTION:

**SMAC<sup>®</sup> ELASTOBOND PU** is a water based aliphatic polyurethane polymer. It is an anticorrosive and thermal insulation coating made from latest multi ceramic and nanotechnology, especially for steel elements. Once cured, it resists many mild chemicals, water, heat, corrosive fluids and vegetation growth, thus considerably delaying the onset of corrosion of steel in the structure.

### ADVANTAGES :

- No primer required, direct application on substrate
- Thermal insulation properties
- Eco friendly, being a water based product
- Corrosion resistance
- Chemical resistance
- Water resistance
- Solvent resistance
- Anti fungal properties



### PROPERTIES :

- Base : Water based aliphatic polyurethane polymer
- Solid content : 50-52%.
- Viscosity : 20,000 cps
- pH : 8.5 to 9
- Flexibility : 150%
- Coverage : 9-10 sq. m. /kg/per coat
- Recommended coats : Two

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### APPLICATION PROCEDURE:

First, remove all loose particles using wire brush or sanding. Clean the surface by water and/or suitable solvent to remove oil, grease & contaminants on the surface. A wash with our METAL CLEANER is recommended. Let the steel dry completely. Then apply one coat of **SMAC<sup>®</sup> ELASTOBOND PU** by brush. Apply second coat after about half an hour, before the first coat cures fully. Full curing time is 1 hour at 30. C and 50% humidity. In humid weather, full cure time is more; about 3 hours. A uniform surface coat should be formed. Let the film dry completely. Wash the tools and hands by plenty of water and soap. Use protective gloves & goggles.



### APPLICATION AREAS:

- Chemical Plant Pipes & Vessels
- Construction Project Steel Elements & construction machinery
- Ships
- Railways
- Automobiles
- Industrial Steel Structures
- Steel roofs
- AC ducts
- Transformers
- Any steel structure requiring corrosion protection

**PACKING** : 20 kg & 50 kg HDPE containers.

**SHELF LIFE** : 12 months in originally sealed containers.

**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.**

**SM**  
ADHESIVES

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