

SMAC[®] DAMPSEAL

WATER THINNABLE EPOXY COATING



DESCRIPTION :

SMAC[®] DAMPSEAL is a two component epoxy resin based waterproofing compound. One part consists of epoxy resin and the other part of curing agent. After mixing both the parts, it can be thinned down with water. It possesses all the attributes of normal solvent based epoxy compositions such as excellent water and chemical resistance, adhesion, hardness, toughness and mechanical strength. One of the major advantages of **SMAC[®] DAMPSEAL** over solvent based epoxy is that it can be applied on damp surface also. Being free from solvents, it does not pose and health hazard to the applicator. **SMAC[®] DAMPSEAL** is completely, consistent & economical to apply.



FEATURES / ADVANTAGES:

- Water dilutable
- Being water based, it penetrates in concrete/plaster surface and seals the porosity and network of fine cracks.
- Reduces water permeability
- After curing it forms hard, tough and strong film.
- Bonds strongly on cement concrete/mortar, plaster, asbestos sheet etc.
- Excellent resistance to water, salt water; dilute acids, alkalis, soap water, and other chemicals
- Excellent resistance to positive (hydrostatic) water pressure
- Eco friendly



APPLICATIONS:

- Cement-Concrete storage tank
- Damp walls (interior / exterior)
- As a primer before painting (interior / exterior)
- Toilet and kitchen walls.
- Coating on walls of breweries & food processing industries.
- As a primer before application of sterile coating in food & drug industries.
- As putty with OPC-white cement to fill the fine cracks of external walls
- Hatcheries & aqua farms.



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TECHNICAL INFORMATION

CHARACTERISTICS

VALUE

Nature	:	two components
Mixing Ratio	:	Part 1 : Part 2 : Water 1 : 1 : 1 parts by weight
Consistency after mixing	:	Free flowing smooth paste
Application time (Pot life) at 30°C	:	5 to 6 hrs
Surface dry	:	50 to 60 min
Hard dry	:	16 to 18 hrs
Inter-coat period at 30°C	:	16 to 18 hrs
Curing time at 30°C	:	24 hrs
Application time for Techoat 61-P (Polyurethane coating)	:	not more than 24 hrs at 30OC
Coverage	:	70-80 sq.ft./kg/coat

DIRECTION FOR USE

Surface preparation is the first and the most important step before the application to get the results and to avoid failure. The substrate must be cleaned and free of dirt, paint, oil, grease, standing with emery paper is recommended. Remove the dust by compressed air or paint brush or wiping with water soaked cloth.

PRECAUTIONS

All previous coating should be complete removed before the application of **SMAC[®] DAMPSEAL**. When used on an exterior surface, it must be over coated by weather durable coatings. Avoid application before 10°C surface temperatures. At low temperature, drying and curing period will be prolonged. Before mixing both the parts mix them in individual containers.

PACKING :

0.5 kg, 1 kg, 2 kg

STORAGE AND SHELF LIFE :

12 months from date of mfg. when stored in a cool and dry place.

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.

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ADHESIVES

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