THERMAL COATING

Thermal Insulating Coating

ADH COATINGS
We Shield, Rest Assured

DEFINITION

ADH-Thermal Coating is a water-based, high-performance, low-heat permeability, micro-scale specially processed, acrylic dispersion-based coating modified with ceramic-glass technology, used on interior, exterior and roof facades, providing up to 50% thermal insulation and energy saving.

PRODUCT FEATURES & ADVANTAGES

- It has low thermal conductivity value.
- Provides heat and energy savings up to 50%.
- It maintains the heat balance of the building.
- It has fire retardant properties.
- Isolates the surface against water.
- Does not cause cracking.
- Prevents moisture, moisture and mold formation.
- It is water based.
- Breathes.
- There is no condensation on the surface.
- It is produced in the desired color.

CONSUMPTION

Depending on the application surface, it is
$0.75 - 1.25\ kg/m^2 \approx 0.2184 - 0.364\ oz/ft^2$.

STORAGE

1 year at room temperature in its unopened original package.

POST-APPLICATION PROTECTION & RECOMMENDATION

•ADH-Thermal Coating is a ready-to-use product. Please do not add any additives other than those recommended in the datasheet.
•The product should be used within its shelf life. Products with expired shelf life should not be used.
•While coating the ADH-Thermal Coating applied surface, the ADH-Thermal Coating material should not be damaged by mechanical effects and should be protected during drying.
•Keep the package closed when the application is interrupted. The product must be protected against freezing.
•It should not be applied at very high temperatures, under direct sunlight, in extreme windy, foggy, rainy, and frost risky weather conditions. Low temperature and high relative humidity can prolong the drying time.
•It should not be applied in rainy weather, and the applied surface should be protected from rain within 24 hours.
•The surface should not be exposed to heavy traffic.
•Consumption values in the technical table represent an average consumption amount. It may vary according to application conditions and surface properties.

ANTI FIRE COATING

Fire Retardant Intumescent Coating

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DEFINITION

ADH-Anti Fire Coating is a water-based, non-toxic, thin-film intumescent fire-retardant product. It is formulated to meet the fire resistance ratings required for walls, floor/ceiling, and ceiling assemblies, as well as individual structural elements, as specified by the International Building Code (IBC).

PRODUCT FEATURES & ADVANTAGES

- Easy to use and clean
- Non-toxic, low odor, eco-friendly
- Provides fire protection on a wide variety of surfaces
- High-performance / Fully tested
- Cost-effective

CONSUMPTION

Depending on the application surface, it is

$0.75 - 1.25\ kg/m^2 \approx 0.2184 - 0.364\ oz/ft^2$

STORAGE

12 months in its unopened original packaging.

POST-APPLICATION PROTECTION & RECOMMENDATION

- ADH-Anti Fire Coating is a ready-to-use product. Please do not add any additives other than those recommended in the data sheet.
- The product should be used within its shelf life. Expired products should not be used.
- The surface applied with ADH-Anti Fire Coating should not be damaged by mechanical effects while being coated, and it should be protected during the curing process.
- Freshly applied surfaces should be protected from direct sunlight, strong air currents, high air temperatures (above +5°C), rain, and frost during the first days.
- When there is a break in application, keep the packaging closed. The product should be protected from freezing.
- It should not be applied under very high temperatures, direct sunlight, extreme wind, fog, rainy, or freezing conditions. Low temperatures and high relative humidity may extend the drying time.
- It should not be applied in rainy weather, and the applied surface should be protected from rain within 24 hours.
- The surface should not be exposed to heavy traffic.
- During application, the surface and ambient temperature should be between **5°C to 40°C (41°F to 104°F).**
- The consumption values in the technical data sheet represent average consumption and may vary depending on application conditions and surface properties.

WATERPROOF
Waterproofing Coating

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DEFINITION

ADH-WATERPROOF is an acrylic copolymer-based liquid elastic coating and insulation material. It is a long-lasting insulation material that has features far superior to the existing materials used for waterproofing, is elastically impermeable when dry, can be easily applied to all kinds of floors, provides solutions to your problems, and can be colored.

PRODUCT FEATURES & ADVANTAGES

- Isolates the surface against water.
- It is easy to apply and has semi-fluid properties. It can easily cover even difficult surfaces.
- It shows up to 500% elasticity.
- Provides excellent adhesion to all types of building materials.
- It maintains its elasticity under hot and cold differences.
- Resistant to weak chemicals and UV rays.
- Provides breathing opportunity on surfaces.
- It is produced in white.
- It can be tested after 48 hours in open areas.
- It can preferably be produced with fiber.

CONSUMPTION

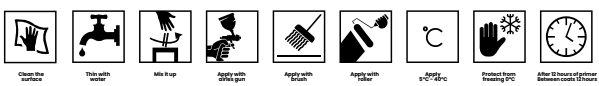
Depending on application surface and area 1-1,25 kg / m^2.

STORAGE

1 year at room temperature in its unopened original package.

POST-APPLICATION PROTECTION & RECOMMENDATION

•**ADH-WATERPROOF** is a ready-to-use product. Please do not add any additives other than those recommended in the datasheet.
•The product should be used within its shelf life. Products with expired shelf life should not be used.
•While coating the **ADH-WATERPROOF** applied surface, the thermal coating material should not be damaged by mechanical effects and should be protected during drying.
•Keep the package closed when the application is interrupted. The product must be protected against freezing.
•It should not be applied at very high temperatures, under direct sunlight, in extreme windy, foggy, rainy, and frost risky weather conditions. Low temperature and high relative humidity can prolong the drying time.
•It should not be applied in rainy weather, and the applied surface should be protected from rain within 24 hours.
•The surface should not be exposed to heavy traffic.
•Consumption values in the technical table represent an average consumption amount. It may vary according to application conditions and surface properties.



PRIMER

Transparent Primer

ADH COATINGS
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DEFINITION

ADH -PRIMER is an acrylic-based surface preparation primer specially prepared for roof, floor, interior and exterior surfaces. It makes the surface water impermeable before coating. It adheres particles prone to dust and prevents them from breaking off from the surface. When applied on new plaster, it adjusts the surface alkalinity, thus ensuring stronger adhesion of the coating. It integrates with the material to be applied on it and increases its adherence.

PRODUCT FEATURES & ADVANTAGES

- It is an adherence enhancer. It ensures better adhesion of the coating to the surface.
- Isolates the surface against water.
- It has a breathing feature.
- Covers hairline cracks.
- It is not flammable or flammable.
- It has no harmful effects on human health. It is odorless.
- It saves on the consumption of the product to be used.
- Balances surface alkalinity.
- Standard color is white.

CONSUMPTION

0.15 lt / m^2 depending on surface absorbency

STORAGE

It is kept for 1 year at room temperature in its original, unopened package.

POST-APPLICATION PROTECTION & RECOMMENDATION

•**ADH -PRIMER** is a ready-to-use product. Please do not add any additives other than those recommended in the data sheet.
•The product should be used within its shelf life. Products whose shelf life has expired should not be used.
•Keep the package closed when the application is interrupted. The product must be protected against freezing.
•It should not be applied at very high temperatures, under direct sunlight, in extremely windy, foggy, rainy or frost risk weather conditions. Low temperature and high relative humidity can prolong drying time.
•It should not be applied in rainy weather and the applied surface should be protected from rain within 24 hours.
•The surface should not be exposed to heavy traffic.
•Consumption values in the technical table represent an average consumption amount. It may vary depending on application conditions and surface properties.

ISO 10002 ISO 14001 ISO 9001