



UV & IR Rays Reflectant Thermal Insulator - Water Based Enamel

Acrymalt®

Contains 72% of pure Nano Acryl HT

Ready to be applied - Any kind of dilution will void the warranty

Warranty	3 years
Yield per Liter	5.0 – 10.0 m ²
Adhesion Strength	more than 887 tons x m ²
Contact Temperature	-25° C / +110° C

Acrymalt is a protective high quality enamel for interiors and exteriors. It protects against UV and Infrared rays, intense weathering, marine environment as well as against abrasive factors.

It's made from our green 100% acrylic, nano-pollution free nano-resin Nano Acryl HT.

For this reason it repels (does not absorb) UV rays as well as Infrared (heat), so it reduces drastically the temperature fluctuation of the protected material and, for consequence, its thermal movements.

Acrymalt does not smell, it can be applied in interiors without the necessity to evacuate the area.

Acrymalt can be applied on almost any kind of materials, giving a final appealing appearance.

When properly maintained, can last for several years.

It's washable with common household detergents and chlorine and is Anti-fungi, Anti-algae, Anti-fouling and Auto-cleaning (Hydrophobic, Water repellent, Lotus Effect).

Thanks to its hydrophobic nature, Acrymalt is easily washable, still in presence of any kind of dirty grease, or highly penetrating liquids as, for example, any form of iodine.

Acrymalt resists :

- Extreme Weather – Salinity and Humidity of Marine Environment
- Pollution - Animal Waste - Bird Drops - Permanent Puddles - Inorganic acids

All Nasacoat Coatings are 100% Acrylic - 100% Water Based
 Non Toxic - 100% Ecological = Environmental Friendly and Sustainable
 as well as

100% Free of cheap monomers : Styrene, Vinyl and VEOVA
 100% free of poisoning : Ammonia, Lead, Heavy Metals, Organic Vapors Emission = 0 VOC

Sustainable Materials for a Better and Healthy Future



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Technical Characteristics

Yield per Liter (m ²)	5.0 - 10.0	Flexibility	180°
Content of Nano Acryl HT	72%	Adhesion Strength	> 8.7 MPa
PVC	14.4%	Adhesion Strength x m ²	> 887 Tons
VOC	< 5 g / L - 0 VOC	Temperature Resistance	- 25° / + 110°
Density	1.19 g / ml	Touch Dry	20 mins.
Solids	49.3%	Total Drying	40 mins.
Viscosity	4,200 - 5,200 cps	Total Curing time	36 hours
pH	8.0 - 9.5	Warranty	3 years
Maximum Storing Time	12 months		
Maximum Storage Temperature	35°		

Acrymalt can be easily applied with common brushes, rollers, sprayers or, as best solution, with airless machine. It does not need any dilution, it's ready to apply.

Acrymalt is normally applied with 2 or 3 coats, depending of the nature of the substrate material. In case of highly porous materials (chalk, clay, ancient wood, stucco or similar) it's better to fund with one or two coats of Prime Sealer and Acrymalt may require more coats.

See the Application Manual at : www.nasacoat.com/en/application_manual.pdf

Exclusive Distributor in Mexico :

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