

JAZEROOFCOAT– AR

High Performance, Crack-bridging, Acrylic –based, Heavy Duty, Durable Protective Membrane Coating for PU Foam and Elastomeric weather proof & Water Proof Protective Coating for Concrete & Masonry Surfaces.

Product Description

JAZEROOFCOAT-AR is a superior performance elastomeric single pack protective coating of spray applied polyurethane foam insulations. This unique product is derived from specialty polymeric compounds which on application forms tough, flexible, seamless, durable weather and water resistant solar reflective, UV resistant membrane over the PU foam.

Uses

JAZEROOFCOAT – AR is suitable for the waterproofing and protection of different kinds of spray applied polyurethane foam insulations. It is also can be used for other applications such as waterproofing , Solar reflective and protective coating substrates such as concrete, tiles, asbestos cement and wood etc.

Advantages

- Excellent adhesion to P U foam
- Fully UV resistant and solar reflective
- Excellent weather and water resistant
- Highly tensile strength and elongation
- Tough and elastomeric
- Withstands temperature from -5 °C to +110 °C
- Environmentally friendly
- Non-toxic and Non-hazardous
- Non-flammable as liquid compound.
- Excellent barrier to carbon dioxide, chloride ions, oxygen and water.
- Dirt pick-up resistance.

Standards

JAZEROOFCOAT – AR is tested in accordance DIN 1048, BS 8204 Part 3 Method B3, BS 903 Part A-17 & Part A2, BS 3177 and BS 6319 Part 4

Technical Properties

Appearance	Brushable consistency supplied in a wide range of colours.
Specific Gravity @20 °C	1.35 – 1.4
Solid Content	60 % by weight
Application temperature)	5 – 35 °C.
Time between recoating	4 - 6-hours depending upon the ambient temperature
Tensile Strength	2 N/ mm ²
Water Vapour Diffusion resistance	S _D 0.11 m @ 400 μ DFT
Elongation (ASTM D-412)	550 – 600 %
ISAT, BS 1881 Part 5	> 95 reduction against control
CO₂ Diffusion resistance Equivalent thickness of air:	
- Initial	> 470 meters
- After 2000 hours QUV	> 470 meters
Crack- bridging	6-mm @ 400-μ DFT
Coverage	It will be influenced by the surface & ambient condition, abut approximately 1-Kg / m ² per coat.

Guidelines for Application

General

1. JAZEROOFCOAT-AR may be applied using a brush, roller or spray equipment. The actual method of application depends on site conditions.
2. For airless spray application, select a nozzle size of at least 0.028 inch (approx. 0.70 mm), after ensuring suitability of equipment for the application.
3. The coverage will vary depend on the type and quality of the substrate, i.e. porosity and evenness of the surface as well as method of application.
4. JAZEROOFCOAT-AR may be applied in multiple coats, each at the right angle to the one before to build up higher dry film thickness. Final coating thickness to be achieved depends on the specification requirements.

Surface Preparation

All the substrates to be coated must be fully clean, dry and free from dust, dirt, oil, grease and other contaminants

Application

- a. On to the clean dry substrate, apply JAZEROOFCOAT-AR uniformly using an airless spray gun, brush or roller at a coverage rate of about 1 Kg/ m². JAZEROOFCOAT-AR is supplied in sprayable consistency. It can be slightly diluted with water, if found necessary to ensure ease of application. However, too great dilution may lead to sedimentation and blocking of spray nozzle.
- b. Ideal recoating interval is 24 hours at 25 °C atmospheric temperature and 65 % RH.
- c. All joints and areas where substantial movement is anticipated should be reinforced by incorporating mesh reinforcement with JAZEROOFCOAT-AR and allow drying for 24 hours followed by the application of subsequent coats.

All detailing to pipes, up stands, drains etc should be essentially mesh reinforced suitably.

Cleaning

All equipments and tools can be cleaned with water when in wet condition. The dried coating can be cleaned with aromatic cleaning agents.

Packaging

JAZEROOFCOAT-AR is supplied in 20 Kg Nett pails. Other packing's are available to special order.

Storage

Store under cover preferably above + 5 °C and below + 30 °C. Keep away from direct sunlight and frost.

Shelf Life

When stored in original unopened containers, expected shelf life is one year.

Health & Safety

- JAZEROOFCOAT-AR is safe, non-toxic and non-flammable in wet condition. However, avoid prolonged skin contact.
- Use of gloves is advisable.
- If eyes are affected with JAZEROOFCOAT-AR, rinse with excess amount of clean fresh water. If ingested, seek medical attention immediately.

JCC CONSTRUCTION CHEMICALS

The information herein is general information to assist our customers in determining whether our products are suitable for their specific applications. Our products are intended for sale to commercial and industrial customers. We require that customers should inspect and test our products before use to satisfy themselves as to the content and suitability for the application they intend to use our products for.

JCC endeavors to ensure that any advice, recommendation, specification of information in accurate and correct manner.

For Further Information Contact: www.jcc-sa.com