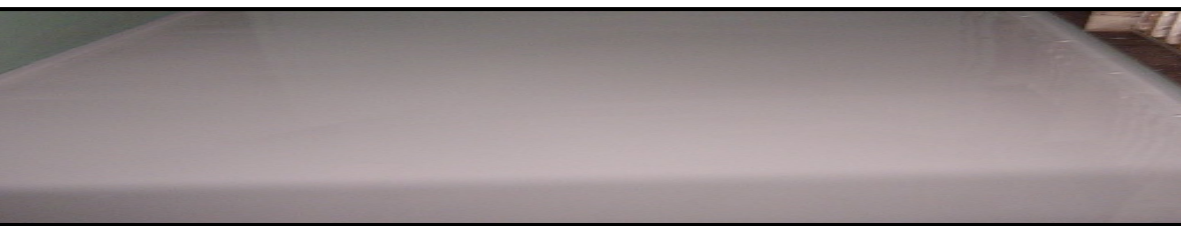


PAN RESISTEC

PRODUCT INFORMATION SHEET



PAN Resistec is a European engineered coating developed for Middle East climate conditions. It is covering HVAC flooring surface with a 1000 micron flexible resin to prevent pollution and corrosion. The hygienic surface has a mirror finishing.



1974

Zamil Air Conditioners (ZAC) is one of the first air conditioning companies to be established in Saudi Arabia. Today ZAC is a leading international manufacturer of air conditioning systems and is the number one manufacturer in the Middle East.

ZAC manufactures both consumer and central air conditioners and has sales operations in over 55 countries in the Middle East, Europe, Africa and Asia.

The company's operations are structured into four Strategic Business Units (SBUs) supporting six in-house product and service brands as well as number of international brands under the OEM Sales.

The six in house brands are as follows:

Zamil
Classic
Cooline
CoolCare
ClimaTech
Geoclisma

Today



Components

Pan Resistec is a 2 pack resin based on high solid resins. It has combined coating product properties with the quality of industrial flooring applications. This establishes a combination of smoothness, chemical resistance, flexibility and ease of application, which are required for HVAC equipments.

Pan Resistec can be applied indoors because no solvent are released for the hardening process.



Characteristics

Pan Resistec is a self levelling bottom coating, for HVAC equipment. Drain pans accumulate dirt, dust and condense. **Pan Resistec** provides the drain pans with a thick, extremely corrosion resistant finish, that will last for the equipment life time.

The self levelling technique ensures a smooth finishing that will minimize any accumulation of dirt, dust or other pollution. The smoothness enhances a hygienic surface due to easiness of cleaning and anti bacterial properties.

- Flexibility to cope with vibrations
- Can be applied on steel, aluminium and galvanized steel
- Extremely easy to apply, flows into inaccessible parts



Surface conditions

Steel: Sanding, cleaning, drying, Epoxy primer, **Pan Resistec**

Galvanised steel: 5% Ammonia, cleaning, drying, Epoxy Primer, **Pan Resistec**

Aluminium: Cleaning, 5% phosphoric acid, Epoxy primer, **Pan Resistec**

Old Paint Layers: Sanding, cleaning, Epoxy primer, **Pan Resistec**

FOR PROFESSIONAL USE ONLY

IMPORTANT NOTE The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given is subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

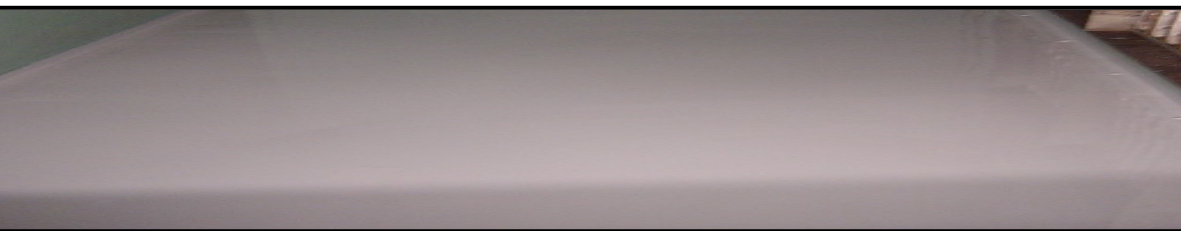


AN ECO FRIENDLY INITIATIVE OF
ZAMIL AIR CONDITIONERS
DAMMAM - SAUDI ARABIA

www.zamilac.com

PAN RESISTEC

PRODUCT INFORMATION SHEET



Instructions for use

Mix Component A and B 3:1 in the amount as supplied in the set.

Allow products to acclimatize before use.

Use mechanical stirring device till all pigment is uniformly dispersed.

Do not add water, just use specified thinners.



Product Application



• Pot life // (21°C / 70 °F), 55% RH 5 - 40 minutes hours mixed with hardener



• Dry Film Thickness // 1- 2 layers 1000 - 2000 μ / 40 to 80 mil



• Flash off / 5-10 minutes.



Tests

ASTM B117 SaltSpray 3000 hours

Manufacturing Specifications:

ASTM G-85 Modified SaltSpray 3000 hours

Taber Abraser wearing test, Erichsen flexibility test, Kesternich sulphur test



Application Conditions

Temperature: 5 – 35 °C // 40 – 95 °F

Relative Humidity: 35 – 80 %

Application condition limits are sensitive: expect increased drying times and pot life over the limits, and decreased drying time and pot life under the limits.



Physical Properties

Drying times

Substrate temperature	21 °C/70 °F	40 °C/104 °F
Dry to dust	1.5 - 2 hours	0.5 - 1 hour
Dry	20 hours	7 hours
Fully cured	7 days	7 days

** Special attention Curing of ResisTec products depends on Temperature, Relative Humidity and air flow. Increased temperatures, high RH and airflow can decrease the drying times significantly.



Color: Grey RAL 7001



Volatile Organic Compound: 0 gram /litre

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