



**LARGE USERS
BUSINESS**



FEVICOL SR 505 HVAC

Mild smell synthetic rubber adhesive for insulation bonding application.

Description

FEVICOL SR 505 HVAC is a synthetic rubber based adhesive developed to bond various insulation materials with HVAC Ducts, Chilled Water Pipe lines, and Underdeck in various industrial & residential projects. The product can be conveniently applied in low ventilated sites, as the smell is very mild.

Recommended Application Area

- HVAC Ducting - To bond Nitrile Rubber/EPDM/XLPE(20 mm thickness max), Glass Wool/Rock Wool, PUF to Duct surface.
- Chilled Water piping - To bond Nitrile Rubber/EPDM/XLPE(20 mm thickness max), Glass Wool/Rock Wool, PUF to MS pipe lines.
- Acoustic Insulation - To Bond Nitrile Rubber to Concrete walls, Vertical surfaces & Duct lining.
- Wall panelling - To bond Nitrile Rubber/EPDM/XLPE(20 mm thickness max), Glass Wool/Rock Wool to smooth Concrete wall surface.
- Under deck Insulation - To bond Nitrile Rubber/EPDM/XLPE(20 mm thickness max), Glass Wool/Rock Wool, PUF to smooth Concrete wall surface (Mechanical fasteners are recommended for under deck insulation).

Unique Features and Benefits

- Excellent adhesion to multiple substrates.
- Very Mild smell ensures the applicators and users will not be harmed.
- Strong Bond durability (Aging resistance).
- Free From Carcinogenic compounds.

Type of Building / Application

- Hospitals and Hospitality.
- Pharmaceuticals and Beverages.
- Research Centre and Laboratory.
- Recording studios.
- Cold storages.
- High density areas such Malls, Airports, Auditoriums etc.

Recommended Method of Application

- Ensure the substrates to be bonded are free from dust/rust/oil/moisture.
- Stir the adhesive well before use to have a homogeneous material prior to application.
- Apply Fevicol SR 505 HVAC on both the substrates uniformly by spreader / brush. Use of spreader for flat non-porous insulation surface can help to improve coverage.
- When Glass Wool/Rock Wool substrates are bonded, adhesive should be applied only on Duct/Pipe/ Concrete substrates and not on insulation.
- Once the adhesive becomes touch dry (When tack is developed), press both the substrates together ensuring uniform contact so that air pockets are not formed.
- Cure for 24 hrs at ambient temperature.
- For underdeck application, apply minimum two coats of adhesive on both the surfaces (if required, extra coats can be done depending on substrate porosity).

Precautions & Limitations

- Keep the container closed when not in use. Stir the adhesive well before use.
- Contains flammable solvents, so precautions required in storing.
- Adhesive or vapour from the adhesive should not come in contact with fire spots, naked flames or welding area on shop floor/work site.
- Do not use the adhesive on undulated surface.
- Use of PPE's (protective hand gloves, mask & goggles) is strongly recommended .

MSDS is available on request.

Typical Data

- | | |
|--------------------------|--|
| • Appearance | : Light yellow liquid |
| • Viscosity at 30° ±1°C | : 12-16 poise |
| • Temperature Resistance | : -20°C to 80°C |
| • VOC | : < 700 gms/Lit |
| • Coverage by spreader | : 6-6.5 m ² / litre (for bonded area) |

(Under identical lab test conditions at ambient, on smooth nonporous substrate).

Green and IAQ Quotient

- Meets IEQ Credit 5 for IEQ.
- Fevicol SR 505 HVAC is Green Pro and Griha certified.
- VOC tested as per EPA 24.
- Meets the IGBC Heavy Metals Standards.

Shelf Life & Storage

18 months from the date of manufacture & when stored in a dry and cool place in the original unopened container (Recommended Storage temperature: 20 °C to 30°C).

Packing

30 litre drum & 5 liter Tin.

GSTIN : 24AAVHV2909E1ZY



Vansh Enterprise

All type of insulation & Accessories

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