AVIBOND - FR

Description

AVIBOND-FR is a styrene acrylic emulsion and is bonding agents approved for use with any of the fire protection or acoustical treatment products manufactured by Arabian Vermiculite Industries. It is non - toxic, non-flammable and ready to use.

Applications

AVIBOND-FR may be used as a bonding agent or surface sealer for the following applications.

1. As a bonding agent over polystyrene or urethane foam insulation prior to application of Zonolite 3306 Thermal Barrier
2. As a bonding agent over primed/painted structural steel (columns, beams and joists)[1] prior to application of Monokote Type MS-5 and MK-6, Zonolite Type 105, Zonolite 106, Zonolite 146, and Retro-Guard Types RG-RG-1[2], Avikote AV650 and Avikote AV800
3. As a bonding agent over concrete floor and/or roof units (including slab, pan joist, hollow-core or pre-cast plant or TEE units) prior to application of the products listed in item 2.
4. As a bonding agent for use over any approved substrate prior to application of Sonotex range of products
5. As a surface sealer (where specified) over any of the above products. Coverage rate requirements will vary based on project requirements. A surface sealer shall be installed in one or more coats in such a manner that the sealer does not substrate the fire protection product. The fire protection product should be substantially dry prior to sealer application.

Application

Graco Encapsulator II or airless spray equivalent, roller or brush.

Pressure	:	2500 – 2700 PSI
Hose Length	:	100’
Hose diameter	:	¼”
Tip size	:	0.015 – 0.25 (orifice size)
Fan size	:	12”
Coverage	:	Avibond-FR – 500 sq. ft./gal.
Clean up	:	Tools and drippings should be cleaned with soapy water

Avibond-FR is a water based product with very low VOC content of 0.5g per liter.

Refer to AVI product literature to determine acceptability of fire protection or acoustical treatment products for the intended use.[4]

Footnotes

1. The use of a surface sealer over Sonotex 1 or any acoustical treatment may reduce the NRC value of the installed product.
2. Monokote, Retro-Guard, Sonotex and Zonolite are registered trademarks of W.R. Grace and Company, U.S.A. and manufactured by Arabian Vermiculite Industries in Dammam, Saudi Arabia.
3. Avikote AV650 and Avikote AV800 are manufactured by Arabian Vermiculite Industries.