



TECHNICAL DATA SHEET

AIRVIK-5

Positioning adhesive for core fabrics and materials for compounds

► DESCRIPTION

AIRVIK-5 is a temporary adhesive for positioning fiberglass and carbon fabrics in the manufacture of compound materials (polyester resin, vinyl-ester and epoxy) using the vacuum infusion method. AIRVIK-5 is formulated with raw materials that are perfectly compatible with infusion process resins, and it quickly dissolves in them without affecting the polymerization kinetics, or altering the final mechanical properties of the product. Even an excessive amount of adhesive does not interfere with the interlaminar adhesion of the fabrics.

The amount of AIRVIK-5 to apply depends on the type of surface and weight of the fabric. Non- absorbent surfaces, like Gel Coat or glass resin moulds, only require a small amount of AIRVIK-5. Porous and very absorbent surfaces, like fiberglass fabrics (biaxial, coupled) require around 1 kg for 60-100 m². In this type of use, a spray can covers a surface of 15-25 m².

AIRVIK-5 contains a blue colorant, to make it easier to modulate the applied quantity, which then disappears during polymerization.

► INSTRUCTIONS FOR USE

From a distance of approx. 20 or 30 cm, apply an even layer of AIRVIK-5 on one or both of the surfaces being coupled. The time AIRVIK-5 needs to develop all its adhesive properties depends on the environmental conditions and the applied thickness: generally between 30 seconds and a few minutes. After this time, the fabric should be positioned so that it adheres perfectly to the layer beneath, and then repeat the operation for all the subsequent layers that are needed.

The fabric can still be positioned for a few minutes after the first application. The amount of AIRVIK-5 to apply depends on the type of surface and weight of the fabric in question. Use AIRVIK-5 in well ventilated surroundings, using suitable protective equipment.

► PACKAGING

AIRVIK-5 is available in 500 ml spray cans. Minimum order quantity: case of 12 cans.

► STORAGE AND LIFE

If AIRVIK-5 is stored in the original packaging at a temperature between +15°C and +25°C, it has a life of 12 months from the date of production. DO NOT heat the can up to temperatures above 50°C.