



## **TECHNICAL DATA SHEET FEVICOL 1K PUR**

FOR INFORMATION ONLY

### **PROPERTIES**

**COLOUR:** Brownish Liquid

**APPLICATION CONSISTENCY**  
Brush, Spatula, nozzle applicator

**AVERAGE WEIGHT**  
1.0-1.2 Kg/m<sup>3</sup>

**AVERAGE NON-VOLATILE (PIL method)**  
Not less than 99.5% by weight

**VISCOSITY (Brookfield RVT)**  
30-60 PS

**WATER RESISTANCE (DIN EN 204/D4)**  
**(Test report 505 32054/2e, dated August 2006, ift Rosenheim, Germany)**  
Confirms to German DIN standard for boiling water resistance.

**HEAT RESISTANCE (WATT 91)**  
**(Test by ift Rosenheim, Germany)**  
Confirms to high heat resistance as per WATT91.  
Adhesive Strength 12.8 N/mm<sup>2</sup>

**COVERAGE RANGE (PSTM WI 1069)**  
(Subject to type of surface coated)  
8.0 – 9.0 m<sup>2</sup>/Kg

**VOC - 1.0 g/L max**

**Fevicol 1K PUR** is a one component ready to use moisture curing polyurethane adhesive with gap filling properties.

**Fevicol 1K PUR** adhesive is a very fast setting adhesive. Initial handling strength is achieved within 30 minutes.

**Fevicol 1K PUR** adhesive is designed to adhere wood, MDF, fiberboard, particleboard, metal, laminates, stone, ceramic, brick, foam, fiberglass, marble, plasterboard, masonry, rubber, some plastics and many other substrates.

**Fevicol 1K PUR** adhesive can be used in edge to edge joints, I- beam joints. It is suitable for bonding tropical wood, sandwich panels. Typical applications in window, door, pillar. It gives an exceptionally high mechanical strength.

**Fevicol 1K PUR** is specially designed for exterior weather condition. The adhesive bond is resistance to cold and hot weather conditions.

**Fevicol 1K PUR** gives a clear glue line on drying that can be sanded, painted or stained.

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## **APPLICATION GUIDE FOR FEVICOL 1K PUR**

### **MATERIAL PREPARATION**

Surface to be bonded should be dry, clean, and free from oil or grease.

### **APPLICATION**

#### **By Brush/Roller/Spatula**

Apply to one surface in a thin layer, assemble the parts and leave to set, it will set in 30 minutes. During cure this product will expand to fill gaps and rough surfaces, when foamed. Firmly clamp both the substrates. A strong bond will be obtained after 2 - 3 hours and full strength will be realized after 24 hours at room temperature. Individual substrates should be evaluated for bonding performance prior to any large scale application.

### **CLEAN-UP**

Mineral spirit or acetone when glue is wet, sand & scrape when glue is dry.

### **STORAGE**

Being a highly reactive moisture curing system, any water contamination of the container will cause problems. Once opened therefore, the glue should be used up as quickly as possible.

### **HANDLING**

Adhesive is based on diphenyl methane-4, 4-di-isocyanate and is therefore classed as harmful. Wear suitable rubber gloves and eye protective while handling. Keep out of reach of children.

### **SHELF LIFE**

Best before nine months from the date of manufacturing in factory sealed container.

### **PACKING**

500 g, 20 Kg.

### **IMPORTANT**

We recommend that before using our product, the customer should make his own test to determine the suitability of the product for his own purpose under his operating conditions. As the circumstances under which our product is stored, handled and used, are beyond our control. We cannot assume any responsibility of their use by the customer.

Specifications are subject to change. Current specification is available with HO Marketing and can be provided on request.

**Consult Material Safety Data Sheet and Container label for further information.**

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