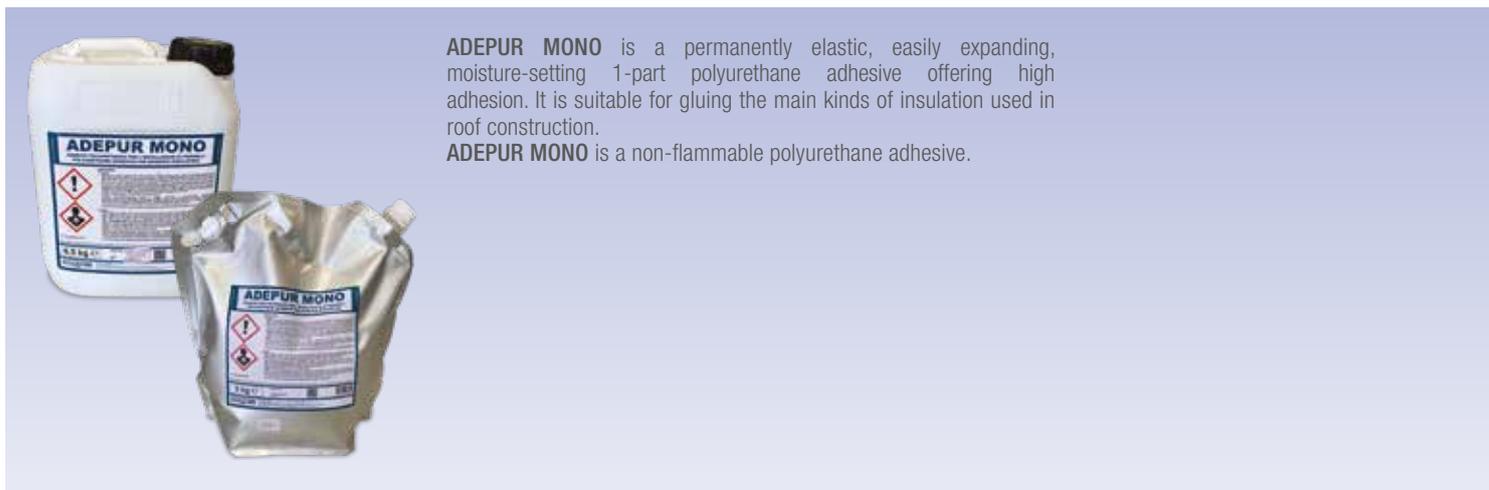


Adepur Mono

1-part polyurethane adhesive for gluing on insulating panels



ADEPUR MONO is a permanently elastic, easily expanding, moisture-setting 1-part polyurethane adhesive offering high adhesion. It is suitable for gluing the main kinds of insulation used in roof construction.

ADEPUR MONO is a non-flammable polyurethane adhesive.

INTENDED USES

ADEPUR MONO is a ready product designed for application on flat concrete surfaces, bitumen membranes or wood.

ADEPUR MONO can also be used for gluing insulating panels together.

Suitable insulating panels: expanded polystyrene (EPS) or extruded polystyrene (XPS with no skin) panels, or polyurethane or polyisocyanate (PUR/PIR) panels faced with glass tissue/bitumen-coated glass tissue or mineral fibre fleece.

Suitable substrates: concrete, wood, bitumen membranes surfaced with slate or sand.

Unsuitable substrates: synthetic waterproofing membranes, new bitumen membranes with talc surfacing and polyethylene/polypropylene non-stick film, or metals.

INSTALLATION TIPS

Surfaces must be clean, dry and free of grease, oil and dirt; in addition they must be sound and securely attached to the substrates.

ADEPUR MONO can be applied on surfaces that are slightly damp but not wet. It must be applied with temperatures in the +5 °C to +30 °C range.

The product goes on without a primer: to glue sheets correctly, we recommend applying **ADEPUR MONO** in parallel strips straight from the container using the special pourer. Place the insulating panels directly on the glue and press down firmly. For panels measuring 1000x1000 mm, it is generally sufficient to apply four/five strips per square metre for an average consumption rate of 200-250 g/m².

Along the outer edges of the roof, the average consumption rate is approx. 400 g/m²; in corners and in places that are particularly exposed to wind, apply approx. 500 g/m².

Do not apply the adhesive over a surface area any larger than the area you can cover within the adhesive's polymerization time.

Lay the insulation 3-5 minutes after applying the product, before its characteristic film has time to form on the surface

How fast it hardens will depend on humidity, the substrate and ambient temperature, with hardening nonetheless seen within 60 minutes. Whatever the case, the adhesive takes 72-96 hours to adhere fully.

Differences in substrate levels must not exceed the 5 mm tolerance.

TECHNICAL CHARACTERISTICS

STANDARD	TECHNICAL CHARACTERISTICS	UNIT OF MEASURE	NOMINAL VALUES
-	APPEARANCE	-	Viscous liquid
-	COLOUR	-	Amber
-	VISCOSITY	cps	4000-6500
-	FILM FORMATION (OPEN TIME) (20 ° C and 60% R.H.) at +10 ° C at +20 ° C at +30 ° C	minuti minuti minuti	15 7 4
-	AVERAGE CONSUMPTION ON HOB SUPPORT * - Central part - On the perimeter - In the corners	g/m ² g/m ² g/m ²	250 400 500
-	POLYMERIZATION METHOD	-	Incongruent
-	APPLICATION TEMPERATURE	°C	+5 / +30

* The quantities indicated in the table are minimum quantities recommended and valid for constructions with a maximum height of 15 meters.

The data reported refer to laboratory data; for application on site, the bonding of the panel to the surface is closely linked to environmental factors such as temperature, humidity and type of substrate.

PACKAGING

5 kg bag and 6,5 kg plastic jerrycan.

STORAGE

In a dry place out of sunlight and protected from the elements at temperatures in the +5 °C to 25 °C range: 12 months.

EQUIPMENT CLEANING

Trichloroethylene or methyl chloride.

SAFETY RULES

Exercise extreme care when using **ADEPUR MONO**: the product is harmful by inhalation; may cause damage to organs through prolonged or repeated exposure; causes serious eye irritation; causes skin irritation; can be irritating to the respiratory system; may cause allergic or asthmatic symptoms or breathing difficulties if inhaled; may cause an allergic skin reaction; do not breathe (dust/fumes/gas/mist/vapour/spray), wear protective gloves/protective clothing/eye protection/face protection.

IF INHALED: remove person to fresh air and keep comfortable for breathing.

IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF EXPOSED or concerned: seek medical advice; obtain special instructions before use.

the product contains: a polypropylene glycol and methylene diphenyl diisocyanate polymer. As of 24 August 2023, industrial or professional use is permitted only on completion of appropriate training.

LEGAL RULES

The values given are approximate average data relating to the current product range and may be edited or updated by Polyglass SpA at any time without any prior notice. As the Customer or User, it is your responsibility to check that the technical data sheet you have is valid for the batch of product in question and, whatever the case, that you have the latest version issued.

Always refer to the latest up-to-date version of the Technical Data Sheet and relevant Declaration of Performance, both of which you can find on our site www.polyglass.com.

As the End User, it is your responsibility to check that the product is fit for its intended purpose.

PRODUCT FOR PROFESSIONAL USE

