

# TURBO 60 SEK GLUE

# Sempre®

## PROPERTIES

- **one-component**
- **start of hardening after 60 sec.**
- **possibility of correction up to 2 minutes**
- **quick-drying**
- **volumetrically stable after hardening**
- **high performance**
- **even structure**
- **good acoustic and thermal insulation**
- **very good adhesion to building substrates such as: wall, concrete, stone, wood, polystyrene and plastics**

## APPLICATION

One-component, quick-drying, assembly and construction foam based on moisture-cured polyurethane. Specially developed for quick gluing with high efficiency. Curing starts after 60 seconds and corrections are possible within 2 minutes. Excellent adhesion to concrete, plaster, masonry, wood, polystyrene, unplasticized PVC, etc. After hardening, volumetric stability. Multifunctional construction adhesive with high adhesion to most construction substrates. It is used for gluing EPS and XPS boards, plasterboards, wooden elements, OSB boards, decorative elements and interior partition walls.

## TECHNICAL DATA

<b>Group of products</b>	Materiały uzupełniające
<b>Contains</b>	Diphenylmethane diisocyanate, isomers and homologues; chlorinated paraffins, C14-17, propane, butane, isobutane.
<b>Colors</b>	Yellow liquid, light yellow after hardening

PARAMETERS	Parameter	Norm	Value	Unit
	Increase in foam height in the gap (degree of expansion)	ITB-KOT-2020/1338 1st edition, Annex No. 1 of 9.2.2021	93 ± 10%	%
	Compressive stress at 10% strain		≥ 25	kPa
	Tensile strength perpendicular to the faces		≥ 100	kPa
	Shear strength		≥ 55	kPa
	Foam adhesion, at temp. -10°C, for substrates with: <ul style="list-style-type: none"><li>• wood</li><li>• metal</li><li>• PVC</li><li>• concrete</li><li>• ceramic brick</li></ul>		≥ 130 ≥ 100 ≥ 100 ≥ 120 ≥ 120	kPa

Foam adhesion, at +35°C, to the substrate with: • wood • metal • PVC • concrete • ceramic brick	ITB-KOT-2020/1338 wydanie 1, Aneks nr 1 z 9.2.2021	$\geq 85$ $\geq 80$ $\geq 80$ $\geq 60$ $\geq 80$	kPa
Absorption after 24 hours in water with partial immersion		$\leq 1$	kg/m <sup>2</sup>
Dimensional stability after 48 hours at +40° C and 95% relative humidity, in the direction of: - length, width - thickness (direction of foam growth)		$\pm 5$ $\pm 9$	%
Thermal conductivity	DIN 52612	30 - 35	mW/mK
Thermal resistance (after hardening)	---	-20 / + 85	°C
Application temperature (air and ground temperature)	----	+5 / +35 optimally from +15 to +20	°C
Package temperature	----	above +5 optimally from +10 to +20	°C
Skinning, at 20° C / 55% humidity	----	1 - 3	min.
Cutting time, at 23° C/55% relative humidity and 1 cm thickness	----	min. 5	min.
Full hardening (depending on temperature, humidity and layer thickness)	----	ca. 2	h
Dimensional stability	----	-5 < DS < 0	%
Structure of evenly closed cells	----	70	%
Flammability class	EN 13501	F	-
Minimum joint width	----	1	mm
Maximum joint width	----	30	mm

The parameters given are average values of the results obtained during the tests

## USE INSTRUCTION

### Substrates

The substrate should be clean, load-bearing, compact, even and degreased, and must not be frosted or icy. Not recommended for use under water or in closed rooms, zero adhesion to PE, PP, silicone, Teflon and greasy substrates. It is not recommended to heat the foam or joints at low temperatures, and should not be used on surfaces covered with frost. Surfaces at risk of contamination must be covered! Before application, it is recommended to moisten the absorbent base with water using a sprayer to increase the expansion and better structure of the foam. If greater expansion is required, re-wet the foam immediately after application.

### Product preparation

When storing a can of glue at low temperatures, it is recommended to keep the can at room temperature for 1 hour before use (the optimal temperature is +20°C). Screw the can onto the application gun and shake thoroughly (at least 30 times). Set the required dose using the adjustment screw.

<b>Application</b>	The work surface should be moistened with water. When applying the foam, the can must be upside down. apply glue to the substrate, moisten it again, wait 60 seconds and connect the elements. However, no later than 2 minutes after application. The stuck item can be operated for another 60 seconds.
<b>Drying</b>	Skin formation time: approx. 10 -15 min. (+20°C / RH 55%) Cutting time: > 5 min. $\pm$ 10% (at 23°C /55% RH and 1 cm thickness) Full hardening time: 2 hours
<b>Cleaning tools</b>	Acetone cleaner - immediately after use.

## PACKING

Kartusz 750 ml

## STORAGE

The product should be stored in a closed package in a vertical position (bottom down to prevent the valve from sticking) in a well-ventilated room at a temperature of +5°C to +25°C (room recommended) away from direct sunlight and other sources of heat and ignition. Storing the product in conditions other than those specified may shorten its shelf life by up to 3 months. Validity period: 24 months. The expiration date is located at the bottom of the package.

## COMMENTS

Uncured foam should be cleaned with a PU foam cleaner, hardened foam can only be removed mechanically. Use personal protective equipment when working. The substrate should be protected against splinters with paper or foil. TURBO 60 SEC GLUE is not resistant to UV radiation. This resistance depends on the duration of exposure to direct sunlight (from approx. 14 days to 3 months). After this time, along with other atmospheric effects (rain, frost, etc.), the structure of the foam is disturbed by UV radiation.

## SAFETY AND HYGENE OF WORK/ FIRE PROTECTION

Extremely flammable aerosol. Pressurized container: May burst if heated. Keep away from children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Do not smoke. Protect from sunlight. Do not expose to temperatures exceeding 50°C.

Contains isocyanates. The use of this product may cause allergic reactions in people allergic to diisocyanates. People suffering from asthma, eczema or skin conditions should avoid contact, including dermal contact, with this product. This product should not be used with poor ventilation unless a protective mask with an appropriate gas filter (e.g. type A1 according to EN 14387) is used.

**The manufacturer guarantees the product quality, but shall not be liable in terms of its use. The information herein provided is based on the manufacturer's knowledge resulting from many years of observations. This information cannot however replace professional know-how of the contractor and does not exempt the contractor from complying with the rules of the building art and the safety and hygiene at work, thus do not constitute any legal grounds for the settlement of disputes in court. For further questions or doubts, please contact the manufacturer.**