



Technical data sheet TL 05.10 Low expansion foam 750ml gun

Product:

One-component, low-expansion foam based on moisture-curing polyurethane, for use in the construction industry.

Vlastnosti:

- Rychle vytvrzující, rozměrově stabilní;
- Nízkoexpanzní
- Zvýšená přilnavost na tvrzené PVC – okenní a dveřní rámy, parapety;
- Vysoká plnicí schopnost, rovnoměrná struktura, dobrá zvuková a tepelná izolace.
- Vysoká přilnavost a lepidlost k podkladům jako: zdívo, beton, kámen, dřevo,

Use:

Installation of wooden and PVC window frames and door frames
Filling assembly spaces between panels, insulating bathroom bathtubs
Gluing window sills, filling electrical and pipe penetrations through walls and floors
Suitable for filling joints between thermal insulation boards made of EPS, XPS and mineral fibers (so-called wool)

Packaging:

- Pistol can 750 ml

Color:

- Green

Technical Specifications

Base	-	Polyurethane	
Density	kg/m ³	25	According to ISO 7390
Insulation value	mW/m.	30–35	According to DIN 52612
Heat resistance	°C	–40 / +90	After Curing
Application temperature	°C	+10 / +35	Optimal from +15 to +20
Application can temperature	°C	nad +5	Optimal from +10 to +20
Surface skin formation time	min	≈ 8–12	According to 23 °C / 55 % rel. humidity
Cutability	min	40–50	
Yield	Litres	50–55	depending on temperature and rel. humidity
Dimensional stability	%	-5% < DS < 0	
UV resistance		nevyhovující	surface treatment required
Reaction to fire class	-	F	EN 13 501-1
Minimum joint width	mm	10	
Maximum joint width	mm	40	

Background:

It must be clean, dry, solid, free of dust, loose particles, grease, oil and frost. We recommend moistening the substrates with a water sprayer.

Limitations:

We do not recommend using it for underwater applications and in enclosed spaces, zero adhesion to PE, PP, silicone, Teflon and oily substrates. We do not recommend heating the foam or joints at low temperatures, and do not apply it to substrates covered with frost.

Instructions:

Shake the can properly at least 30 times before application. When applying, hold the can upside down, fill the joints from the bottom up, approximately $\frac{1}{2}$ to $\frac{1}{3}$. Fill joints over 40 mm gradually in layers, always after the previous layer has hardened. Surface treatment (painting, plastering) no earlier than 24 hours after application

Notice:

Clean uncured foam with PU Foam Cleaner, cured foam can only be removed mechanically. Wear protective equipment when working. Protect surfaces against splashing with paper or foil.

Cured PUR foam is not resistant to UV radiation. This resistance depends on the time of exposure to direct sunlight (approx. from 14 days to 3 months). After this time, together with other climatic influences (rain, frost, etc.), the structure of the foam is disrupted by UV radiation.

Cleaning:

Material: Uncured foam – PU foam cleaner .

Hands: soap and water, repairing hand cream.

Shelf life:

In dry and unopened packaging 24 months from the date of production, at temperatures from +5 °C to +25 °C.

Update:

Updated on:

Made on: 01.08.2017

The product is in conformity with the specification during the warranty period. The information and data provided are based on our own experience, research and objective testing and are believed to be reliable and accurate. However, the company cannot know the various uses, where and under what conditions the product will be applied, nor the application methods used, and therefore does not under any circumstances provide a guarantee beyond the scope of the information given, regarding the suitability of the products for certain uses or the application methods. The above information is of a general nature. Each user is obliged to satisfy himself as to the suitability of the use by his own tests. For further information, please contact our technical department.