

# TEKAPUR ROOFING TILES (hand held)

## PROPERTIES

Tekapur Roofing Tiles hand held has a very small post expansion and a good adhesion onto any material used in roofing. It has no adhesion onto polyethylene, silicone and PTFE, though.

Advantages of using Tekapur Roofing Tiles hand held compared to cement mortar:

- easy application;
- hardens quickly and is resistant to humidity and low temperatures;
- enables quick progress of work;
- a layer of polyurethane adhesive under a roof-tile provides additional thermal insulation.

## TESTS AND CERTIFICATES

GEV-EMICODE EC-1 PLUS (very low emission)

## USE

It is used in roofing for fixing roof tiles to the underlying surface on the roof. One 750ml can will enable you to cover approximately 5 to 8m<sup>2</sup> of the roof.

## TECHNICAL DATA

|                                   |                   |  |
|-----------------------------------|-------------------|--|
| Volume                            |                   | 45–60 linear metres (750ml)  |
| Specific density of the adhesive: | FEICA OCF TM 1019 | 20–22 kg/m <sup>3</sup>  |
| Application temperature           |                   | min. +5°C (surface),<br>20–25°C (can)  |
| Tack free time                    | FEICA OCF TM 1014 | 5–10 min.  |
| Cutting time                      | FEICA OCF TM 1005 | 20–25 min.   |
| Hardening time                    |                   | 1,5–5 hours, depending on<br>temperature and humidity<br>from -40°C to +90°C |
| Temperature resistance            |                   | max. ±5%   |
| Dimensional stability             | FEICA OCF TM 1004 | max. 1 vol. %  |
| Water absorption                  | DIN 53428         | 0,04–0,05 MPa  |
| Compression strength              | FEICA OCF TM 1011 | 0,12–0,14 MPa  |
| Tensile strength                  | FEICA OCF TM 1018 | 20–25%   |
| Elongation at break               | FEICA OCF TM 1018 | 0,039 W/(m K) at 20°C  |
| Thermal conductivity              | DIN 52612         | F  |
| Flammability class                | EN 13501–1        |  |



**Tekapur Roofing Tiles** hand held is a one-component polyurethane adhesive used for mounting and fixing roof-tiles to the underlying surface on the roof. It is used as a replacement for cement-based mortars. Compared to mortar gluing with Tekapur Roofing Tiles adhesive provides more quality, and is also faster and cheaper. It is hardened by air humidity.



For roof repair



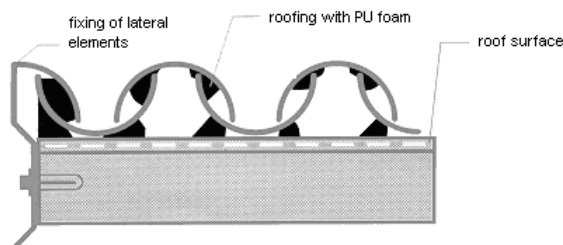
Withstands heavy loads



Easy to use  
Easy to use

## APPLICATION

The use is very practical and simple. On the places, where we have previously applied mortar, the polyurethane adhesive which sticks to the tiles and roof is used. With the adhesive expanding from 100 to 150% after application, adjust the amount of adhesive during application. The adhesive should not extend to visible parts of the roof, because it is not resistant to UV light.



Surfaces should be clean, free of dust, grease and other impurities. Dry and porous surfaces should be moistened with water. The optimal temperature of can at work is room temperature. At lower temperature put the can into warm water with max. temperature of 40°C for about 20 minutes. Before use shake can thoroughly with the valve upside down. Remove the protection cap and screw on the nozzle with a tube. Turn the can with the valve upside down and apply pressure on the valve to activate the adhesive. If you do not use the entire can clean the valve and the nozzle with a tube with Tekapur Cleaner. Hardened adhesive can only be removed mechanically.

## PACKAGING

- aerosol doze 750 ml
- po dogovoru možna tudi druga pakiranja

## STORAGE

18 months (from +5°C to +25°C) or at lower temperatures for shorter periods of time (e.g. during transport).

Higher temperatures shorten storage life.

Store the cans in an upright position.

## HEALTH, SAFETY HANDLING AND DISPOSAL INFORMATION

Additional information on safety, safe handling instructions and personal protective equipment as well as disposal information are available in a safety data sheet. Safety data sheet is available upon request. You can also ask your TKK distributor for a copy.

## WARNING

Instructions contained in this document are based on our research and experience, however, due to specific conditions and working methods we recommend that you perform preliminary tests prior to any application of our products.



FEICA is the Association of the European Adhesive and Sealant Industry and is a multinational association representing the European Adhesive and Sealant Industry. All Feica standards for PU foam are available on:  
<http://www.feica.eu/our-industry/pu-foam-ocf/ocf-test-methods.aspx>