

## Technical Information

### HARO tubular bag adhesive

Art.-Nr. 410 586

Area of application Tubular bag adhesive for the elastic installation of

- on-edge-lamella parquet (min. 22 mm in thickness, max. 200 mm in length) according to DIN EN
- strip parquet (22 mm), in oak, according to DIN EN 13226
- multi-layer parquet flooring according to DIN EN 13489 on absorbent and non-absorbent subfloors indoors.

#### Special properties



- solvent-free according to the definition of TRGS 610
- complies with DIN EN 14293
- optimised for use in adhesive applicators such as applicator
- suitable for underfloor heating
- water-free - no wood swelling

1) Based on the criteria of GEV (Association for Emission-controlled Laying Materials), classified as EMICODE EC1 PLUS R: very low in emissions

2) Emission class according to French law

#### Technical data

<b>Raw material basis:</b>	Silane-modified polymer	
<b>Application method:</b>	with applicator, replaceable nozzle or HARO Parquet notched trowel	
<b>Airing time:</b>	none	
<b>Open time:</b>	approx. 40 minutes	
<b>Setting time:</b>	after 24 hours	
<b>Surface treatment:</b>	at the earliest after 24 hours	
<b>Storage:</b>	12 months	
<b>Storage temperature:</b>	not sensitive to frost	
<b>GISCODE:</b>	RS10	
<b>EMICODE according to GEV:</b>	EC1 PLUS R	
<b>Application and consumption <sup>3)</sup>:</b>		
Replaceable	at least 550 ml/m <sup>2</sup>	multi-layer parquet
Nozzle	or 900 g/ml <sup>2</sup>	
200-11-3,5 or		
200-18-3,5		
Replaceable	at least 725 ml/m <sup>2</sup>	strip parquet
Nozzle	or 1200 g/ml <sup>2</sup>	
200-11-3,5 or		
200-18-3,5		
TKB B3	500 - 600 ml/m <sup>2</sup> or 800 - 1000 g/m <sup>2</sup>	on-edge-lamella- and small-sized multi-layer parquet
TKB B5	425 - 550 ml/m <sup>2</sup> or 700 - 900 g/m <sup>2</sup>	large-sized multi-layer-parquet
TKB B11	600 - 725 ml/m <sup>2</sup> or 1000 - 1200 g/m <sup>2</sup>	on-edge-lamella parquet, strip parquet, small-sized multi-layer parquet
TKB B13	700 - 800 ml/m <sup>2</sup> or 1100 - 1300 g/m <sup>2</sup>	large-sized multi-layer-parquet

<sup>3)</sup> Consumption depends on the surface structure and absorbability of the subfloor, as well as the processing speed when using the Replaceable Nozzles.

#### Subfloors

The subfloor and the climatic conditions of the room must meet the requirements of DIN 18356. Subfloors must be permanently dry, solid, level and free from cracks, dust, dirt and adhesion-inhibiting substances. The floor must be primed with HARO primer if applying the adhesive with adhesive applicator. Once the concrete subfloor is free of dust, the parquet may be bonded directly with Parquet Adhesive, elastic. Observe the drying times of the primers.



**Usage**

When using Replaceable Nozzles apply the adhesive grooves parallel to the laying direction. HARO tubular bag adhesive can also be used with HARO Parquet Notched Trowel, just cut open the tubular bag and squeeze out the adhesive. Immediately insert the parquet and press down firmly. Ensure that the underside of each wooden element is sufficiently coated with adhesive. Immediately after using, clean tools. After harding, Parquet Adhesive can be removed only mechanically.

**Important**

Processing not below floor temperature of +15 °C and room temperature of +18 °C, as well as room humidity preferably between 40 % and 65 %, maximum 75 %. In cold weather, warm up HARO tubular bag adhesive in due time in heated room.

All information is based on approx. 20 °C and 65 % relative air humidity.

Generally avoid adhesive in the parquet joint, because undesireable interactions with products in the surface treatment may occur.

Please pay attention to a sufficient flatness of the subfloor when using Replaceable Nozzles and large-sized parquet. The subfloor must be primed with HARO primer. For details please see the technical information.

All data is based on tests and many years of practical experience and refers to standardised conditions. The variety of materials used and the different construction site conditions, which lie beyond our control, preclude any claims based on this data. We therefore recommend making sufficient trials. Accompanying flooring manufacturer's instructions and the currently applicable codes must be observed. We gladly provide technical advice.