

# TENAGLASS<sup>®</sup>-2



## GENERAL DESCRIPTION

Tenaglass-2 is a two component, polysulphide based secondary sealant for production of insulating glass units. Product can be supplied in sets with different component B quantity, i.e., 20 or 200 liters.

## MAIN PROPERTIES

- Good adhesion to glass and metal spacer materials (aluminium, galvanized steel, stainless steel)
- Durable in normal weathering conditions
- Low gas and water vapour permeability
- Excellent compatibility with polyisobutylene-based primary sealant
- Solvent – free

## APPLICATION

Surfaces must be dry and free from any oil, grease and dust. Remove glass coating at the edge of glass pane unless indicated otherwise by glass supplier. Use standard insulating glass production machines for mixing and application of sealant.

It is essential to apply component A of Tenaglass-2 only in mixture with component B of Tenaglass-2. Avoid contamination of Tenaglass-2 with previously used sealants. Always follow advised mixing ratio given on packaging to obtain the best results. Apply methods for mixing quality control in accordance with EN 1279-6 or similar. For machine adjustment check the mix properties in mixing ratio range  $\pm 20\%$ .

## CLEANING

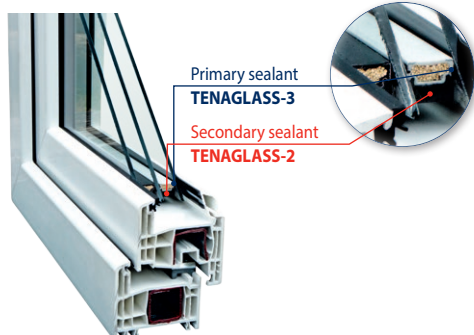
Please refer to user manual of dispensing equipment manufacturer as well as special instructions for Tenaglass-2 application.

## HEALTH AND SAFETY MEASURES

Please refer to information given in safety data sheet for Tenaglass-2. Follow actual legislation requirements in the place of product application. Always use individual protection measures when working with sealant. Avoid uncured material contact with skin.

## PROTECTION OF ENVIRONMENT

Waste of sealant and materials contaminated by it have to be collected and turned to waste deposit area. Consult your local or regional authorities for disposal options.



## TECHNICAL DATA

Appearance	Component A (base) – light grey, thixotropic compound Component B (catalyst) – black compound
Mixing ratio A : B by volume	10 : 1,05
Cure mechanism	Cold curing, catalytic polyaddition
Pot life	40 to 50 min (at +23 °C and 50 % relative humidity) With temperature decrease the pot life increases With temperature increase the pot life decreases
Edge seal strength (EN 1279-4 A)	$\geq 0,6$ MPa
Elongation at break (EN 1279-4 A)	$\geq 50\%$
Hardness, Shore A (EN 1279-6)	$\geq 30$ after 2 h (at +23 °C and 50 % relative humidity) $\geq 42$ after 24 h (at +23 °C and 50 % relative humidity)
Resistance to flow (ASTM D 2202-93a)	$\leq 2$ mm
Packaging	Total set On one pallet Component A Component B Special packaging on customer's request
Shelf life/storage	6 months from production date in unopened, undamaged original packaging, in dry place in temperature range from +5 °C to +30 °C

## ATTESTATION OF CONFORMITY

TENAGLASS-2 is tested at ift Rosenheim GmbH and Stazione Sperimentale del Vetro. Results conform to standard EN 1279, Parts -2, -3 and -4.

## LEGAL NOTES

TENAX reserves the right to change the properties of its products. In all cases the most recent version of product description applies.