

Joint PU 25



Polyurethane adhesive sealant

» **High resistance to mechanical stress**

» **High elasticity**

» **High resistance to UV radiation and moisture**

» **Can be painted**

JOINT PU 25 is a one-component adhesive sealant of polyurethane base in the form of a thixotropic paste, which when exposed to air it transforms into an elastic and cohesive mass. It is recommended for sealing and welding similar or dissimilar materials in construction and industrial applications. It adheres to most substrates, like ceramics, cement, glass, wood, galvanized sheets, etc. and it is suitable for sealing vertical and horizontal joints of high mobility. It can be painted with common paints.

TECHNICAL DATA

Thixotropy	No sagging
Surface membrane formation time	120 – 240 min (23°C, 50% RH)
Curing Speed	2-3mm / 24h (23°C, 50% RH)
Density	1,27 gr/ml
Hardness – Shore A	30±3
Recovery capacity (100% elongation for 24h)	>90%
Relative functional deformability	20%
Tension at break (ISO 8339)	0,82 N/mm2
Tension at 100% extension (ISO 8339)	0,41 N/mm2
Elongation at break (ISO 8339)	450%

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APPLICATION INSTRUCTIONS

- » To ensure good adhesion, the surface must be dry, clean, and free of dust, grease, salts, rust, residues, blistered paints, etc.
- » Cleaning with a wire brush and then by compressed air, if available, is recommended. Metallic surfaces should be degreased with KRAFT WHITE SPIRIT.
- » To avoid soiling at the joint edges, apply a masking tape along but make sure to remove it immediately after sealing and before the material gets hardened.
- » Apply on the joint using a handgun or an air gun. Cut the nozzle to an opening according to the sealing width. Smooth down the surface with a spatula while the material is still damp.
- » The joint width should not be less than 5 mm or more than 50 mm. The sealing depth should be half the width for widths larger than 2 cm and almost equal to it for widths smaller than 2 cm.
- » Where needed, the sealing depth should be adjusted with BACK FILLING (expanded polyethylene cord), to avoid the adhesion of the material to the bottom and thus to allow free following of expansions and contractions. If the depth is not suitable for the BACK FILLING placement, it is advisable to place a polyethylene film (RELEASE FILM) on the bottom to avoid adhesion.
- » Do not apply at temperatures below 5°C or above 40°C.
- » The material is not suitable for continuous exposure to water.

AFTER USE INSTRUCTIONS

- » Cleaning: Clean the tools and product residues immediately **KRAFT WHITE SPIRIT**. Once the material has been cured, it can be removed mechanically.

PACKAGING

Available in white, in 310 ml cartridges and in 600 ml sausage packs.

HEALTH, SAFETY & ENVIRONMENTAL PROTECTION INSTRUCTIONS

Read the label carefully before use. For more information, please refer to the Safety Data Sheet.

Poison Centre Telephone:

210 7793 777

STORAGE

Keep in dry place, at temperatures between 5°C and 35°C and up to 12 months from manufacture.

11/23 THIS TECHNICAL DATA SHEET SUPERSEDES ALL PREVIOUS EDITIONS RELEVANT TO THIS PRODUCT

2/2

WARNING: The above technical data, information, recommendations, and instructions are based on our scientific and technical knowledge, laboratory studies and long experience. However, the above information should be considered indicative and should be reviewed in any case in relation to each specific condition and practical application. Consequently, the suitability of the product for each specific application must be evaluated after referring to the updated Technical Data Sheet and to our website www.kraftpaints.com, as well as after contacting our technical support department, in case of necessity. Our company guarantees the quality of the product itself, whilst in any case the user/applicant is exclusively responsible for any undesirable consequences after using the product.

DRUCKFARBEN HELLAS S.A.

ASPROPYRGOS 19 300, ATTICA - GREECE | TEL.: +30 210 55 19 500 - FAX: +30 210 55 19 501
www.druckfarbengroup.com | www.kraftpaints.com



Toll-free number

800 111 7700 Monday - Friday, 8.00 am - 04.00 pm
e-mail: paints.orders@druckfarben.gr