

Technical data sheet C41701.2 – granulate

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HOT MELT

Part number: C41701.2 – granulate

APPLICATORS: HB 700-Series
BÜHNEN Tank Applicator Systems

APPLICATIONS

Distance holder, scratch protector especially for tiles which do have a high temperature.

PROPERTIES

Hot melt with a very short open and an extremely short setting time, high grade of hardness and optimal thermal stability. It has a mid strong adhesion with stone and concrete surfaces and at the same time you can strip it away easily. Very low viscosity and therefore easy to handle with lower working temperature.

DESCRIPTION

Type : Hot Melt on Polyamide basis

Colour : Yellowish

Composition : The components of this hot melt adhesive are classified as completely harmless. There is thus no need for special labelling of this product in compliance with German regulations for dangerous materials.

TECHNICAL DATA

Softening Point : approx. 155 °C Ring and Ball

Heat Resistance : approx. 100 °C (according WPS 68, shear load 100 g/cm² bonded surface)

Viscosity : approx. 600 mPas at 180 °C

Density : approx. 1,000g/cm³

Solid : 100%

Working Temperature : 180 – 200°C

Open Time : ca. 5s., dependent from Quantity and Material, (line appl. diameter 3 mm, 180 °C), beech tree part (thickness 4 mm).

Setting Time : ca. 2s., depends on isolation impact of materials, mode of application and material (see above „open time“)

Form : granulate

PACKAGING

Granulate in 25 kg bags

Slight variation in the colour of the adhesive is normal and should not be seen as a quality problem.

STORAGE

Minimum two year shelf life under normal indoor conditions and when stored in the original packaging. Exposure to heat (direct sunlight) should be avoided at all costs to prevent possible damage, distortion or degradation of the adhesive.

APPLICATION

The surfaces to be bonded must be free of dust, dirt, moisture, grease, release agents. Attention: Plastic- and paint-materials containing plasticizers may destroy bond strength.

Apply adhesive as a spot, continuous strip or bead and join the parts together immediately. Short-time pressure will increase the bond strength.

SPECIAL NOTES

The safety and operating instructions for the applicator must be observed! Attention: Hot! The molten adhesive and the nozzle of the gun can reach temperatures which may cause skin burns if accidentally touched. In such cases submerge the affected area in cold water immediately. Do not try to remove the adhesive and seek proper medical attention.

Even when using the hot melt within the correct temperature range a slight fume is produced. If the working temperature is exceeded these fumes may result in the irritation of mucous- membranes in sensitive people. A preventive ventilation should exist.

REMARKS

The details in our instruction sheets and other publications are provided to the best of our knowledge. Their contents are not, however, legally binding. In all cases, we recommend that preliminary tests are carried out by the customer. In all other respects, our General Terms of Sale apply.

Professional advice and rapid response from our central office in Bremen ensure you of reliable service.