

PROCESSING INSTRUCTIONS | FOAMS WITH SELF-ADHESIVE BACKING

PROCESSING TEMPERATURE

The most favourable processing temperature for foams with self-adhesive backing is between +18 °C and +35 °C. The degree of initial bonding is reduced when bonding is carried out at lower temperatures.

SURFACES

The surfaces of the parts to be joined must be dry and clean. Moisture or condensation on the surfaces which are to be bonded (e.g. due to cold items being brought into warm rooms) should be avoided. The parts which are to be joined must be free of dirt, grease, oil and release agents. Loose coatings or top coats must be removed or hardened.

CLEANING

Only clean cloths and dissolvents which are compatible with the material such as petrol, alcohol, ester or ketone should be used for cleaning surfaces.

SURFACE FINISH

Good bonding is obtained on smooth surfaces; more raw surfaces require thicker adhesive tapes. The following materials can be bonded without any problems: metals, high-energy plastics (e.g. ABS, polycarbonate, rigid PVC), smooth wood, stone and glass. Care should be taken with unplasticized plastics. With these plasticizers the adhesive layer can alter, which affects the strength of the bonding. In the case of difficult surfaces (e.g. polyethylene, polypropylene, plastics with lubricant additives, powder mould, rubber) corresponding tests have to be carried out.

STORAGE

Foam with self-adhesive backing should be stored at room temperature and normal humidity (50–70%). Furthermore, it should not be exposed to UV rays. Foam with self-adhesive backing should not be stored for longer than 3 months after delivery and it is important to always store it in PE-film or to keep it securely packed in a box.

OVERHEAD ADHESION

The self-adhesive backing (=SK) is merely to assist assembly, i. e. when sticking the material to an overhead surface, it is additionally necessary to secure it mechanically.

All specifications in these processing instructions are based on our current technical knowledge and experience. On account of the many possible which may occur during the processing and application of our products, these specifications do not exempt processors and users from carrying out their own checks and tests. A legally binding assurance of certain characteristics or suitability for a particular purpose cannot, however, be derived from these specifications. We reserve the right to make alterations, errors and fluctuations relating to the field;

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