



H9951 T

Structural epoxy adhesive

- French railway Approval (STM-X-011)
- Easy and fast process
- Suitable for both manual and machine application
- High toughness properties
- Cost effective solution film technology



Railway application
Construction
Aeronautic
Defence
Marine

DOC-MKT-005



ISO 9001



ISO 14001



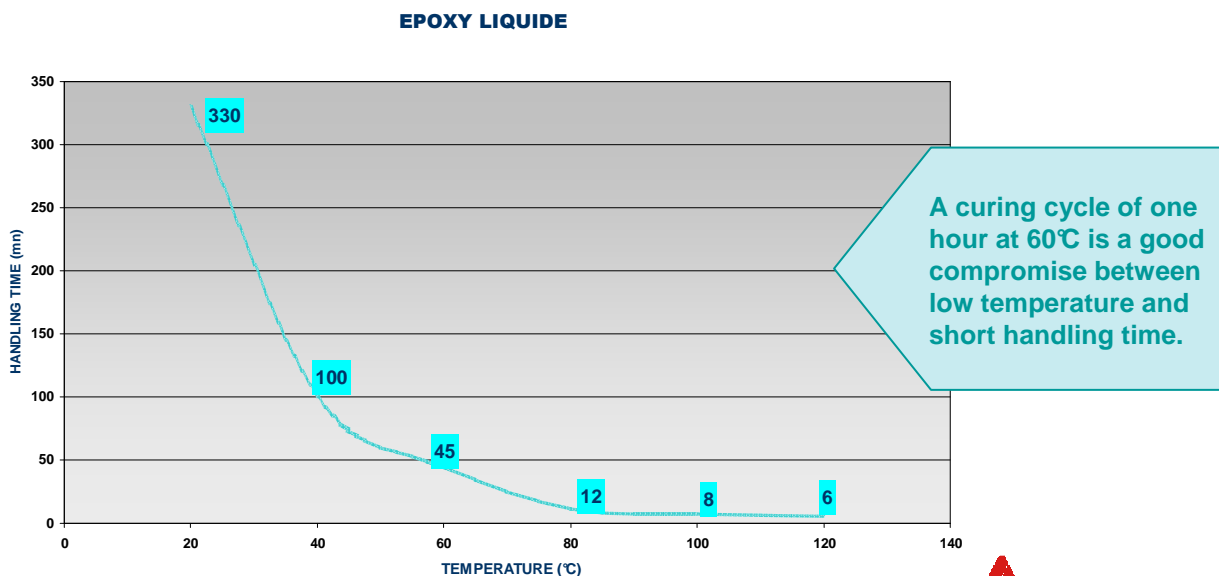
Structural Epoxy bonding H 9951T



Benefits:

- **approved by French railway company: for construction and maintenance applications** (STM-X-011 approval).
- Product suitable for **industrial process using low and hot curing technology**.
- Viscosity and consistency have been set up to **avoid sagging phenomenon** in case of **hot curing process**.
- Product can be easily applied **manually or by the way of mixing machine**.
- **High toughness properties** (high peel and lap shear resistance).
- Possibility to **cure at low temperature (50 – 60°C)** compare to one component reinforced adhesive.
- Very good **compromise** between “**long**” **open time** and **fast curing properties**.
- **Cost effective solution** vs epoxy film adhesive.

HANDLING TIME vs TEMPERATURE CURING

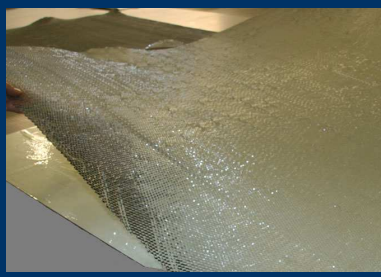


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Recommandations:



✓ The H9951T is dedicated to structural applications in a range of temperature -40°C up to 100°C .

✓ The level of **mechanical resistance** achieved on the bonded panel will mainly depend of following parameters: Thickness of panel, thickness of panel skins, honeycomb cell sizes.

✓ **Quantity of adhesive** applied on each skin will influence the size of radius adhesive joint. A minimum of 250 g/m^2 is required depending of the honeycomb cells sizes.

✓ **Surface preparation** to perform on the different substrates is also a key point to ensure high level of mechanical and ageing resistance.

For machine application contact our technical department: adhesives@axson.fr

Packaging / Accessories / Ancillary product:

Axson also supply ancillary device to be used with the adhesives such as pneumatic or manual gun for ADEKIT twin cartridges, static mixers, degreasing and cleaning agent, primers ...

Applications	Products
Cleaning, surface preparation	ADEKIT CLEANER, METAL PRIMER
Edging	ADEKIT A140, A175, A290, A208
Inserts bonding	ADEKIT A140, A175, A290, A280
Densification	CORE FILLER CF230/234, CF230/238

References and packaging



Designation	code	Packaging
H9951T Resin	07697	210 kg (drum of 200 litres)
H9951T Hardener	07698	180 kg (drum of 200 litres)
H9951T Resin	07708	25 kg
H9951T Hardener	07709	15 kg