

ZDS-CompositeWrap™ · CW SERIES

ZDS-CW703

Fast-Cure Structural Laminate



Product Description

Fast-Cure Structural Laminate

Service Temperature

Heat distortion temperature:...

Mixing Ratio

A:B = 100:100

Cure Schedule

2 h at room temperature

Core Advantages

- ✓ Low viscosity and efficient fibre wet-out
- ✓ Rapid cure for reduced downtime
- ✓ Composite reinforcement and fibre wet-out

Applications

Industrial pipelines, metal components; structural reinforcement, bonding.

Technical Data

Flexural strength	27 kg/mm ²
Dielectric strength	22 kV/mm
Water absorption	<0.15%
Service Temperature	Heat distortion temperature: 140°C
Mixing Ratio	A:B = 100:100
Cure Schedule	2 h at room temperature

Typical Application Parameters

Product Form	Resin
Mixed Color	Typical: Amber to translucent
Application Temperature	Recommended: 10°C to 35°C
Working Time (25°C)	Typical: 5-15 min
Recommended Layer	Recommended: Per reinforcement design
Initial Cure (25°C)	Typical: 15-30 min

Application Guidance & Storage

- Surface preparation: Clean, sound and oil-free substrate; abrade metal or composites and remove dust before application.
- Application: Measure the stated ratio, mix until uniform, then apply and compact to minimise entrapped air.
- Environment: Keep the substrate at least 3°C above dew point. Cold extends cure; heat shortens working time.
- Storage & safety: Store sealed at 5-30°C in a cool, dry place; typical shelf life 12 months. Use gloves and eye protection; consult the SDS.

Application values marked Typical or Recommended are engineering guidance derived from the product type, stated performance and intended use. Confirm critical project parameters by application testing.