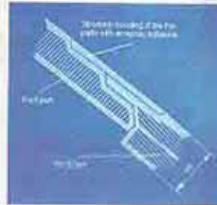


Huntsman Advanced Materials

Structural Adhesives In Action



The self-supporting cab consists of four panels which are joined by bonding with an Araldite structural adhesive.



Application	Bonding of all composite railway locomotive cab.
Substrates bonded	GRP composite moulded sandwich panels.
Pretreatments	
Design of joint	Overlapping sections (see above)
Curing conditions	Ambient temperature
Special service conditions	Vibration resistance and impact resistance.
Advantages for the customer	Much simpler to fabricate than the corresponding steel structure.
Advantages over competition	
Araldite Adhesive used	Araldite 2013 (Araldite AW144-2/HV997) in cartridges.