

SPECIFICATION	SCHEDULE OF TECHNICAL REQUIREMENTS FIRE RETARDANT RUBBER BASED ADHESIVE FOR PASTING OF PVC WITH PLYWOOD/ALUMINIUM	MDTS 237 Rev-Nil PAGE 3 OF 7 DATED 19.04.2012
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2.6 DRY SHEAR STRENGTH:

When tested as prescribed in Appendix 'A', the dry shear strength shall be as per table below (result shall be of average value of 6 test pieces):

S. No	Material	Dry shear strength
01	Plywood to PVC/ anti-slip PVC	Min 25 Kg/6.25sq. cm
02	Aluminium/stainless steel to PVC/anti-slip PVC	Min 15 Kg/6.25sq. cm

2.7 WET SHEAR STRENGTH

After preparing test specimen as prescribed in Appendix 'A', it shall be immersed in water at 27 ± 2 °C for 24 hours. After 24 hours curing time and same shall be tested for wet shear strength as prescribed in the Appendix -A'. The average wet shear strength shall be as per following table (result shall be of average value of 6 test pieces):

S. No	Material	Wet shear strength
01	Plywood to PVC/ anti-slip PVC	Min 20 Kg/6.25sq. cm
02	Aluminium/stainless steel to PVC/anti-slip PVC	Min 12 Kg/6.25sq. cm

2.8 FIRE RETARDANT PROPERTIES

The adhesive shall pass the test as described in Appendix-C.

2.9 Load Bearing: 24 hrs (Max)**2.10 Curing time (final strength) 72 hrs (Max)****2.11 KEEPING QUALITIES**

The material should have the same qualities in all respects during the period of storage at temperature 27 ± 2 °C which will be six months from the date of manufacturer. The material received at RCF should have atleast 4 months residual life.

3.0 PACKING

The material shall be securely packed in suitable containers. The capacity of the container may be decided by the purchaser and the supplier.