



ACRY-TRON 007 TOUGHENED ACRYLIC STRUCTURAL ADHESIVE

PRODUCT DESCRIPTION

Acry'tron 007 is a 100% solid, high performance acrylic based structural adhesive. Acry'tron 007 has an excellent flexibility which tolerates different coefficient of thermal expansion of dissimilar substrates. Very good at heat resistance. 007 can be used with mixing tips or bead on bead.

• RECOMMENDED SUBSTRATES

Steel	Polyester	Wood	Ferrite
Aluminium	Hard PVC	Glass	Acrylic
Copper	ABS	Stainless Steel	Coated Metals
STYROL	Stone	Brass	Ероху
FRP	Concrete	Nickel	Zinc
GRP	Zinc Chromate	Chrome	

• UNCURED PROPERTIES

Base	Acrylic
Color	Amber
Mixing Ratio	1:1
Viscosity	5000cps
Density (g/cm ³)	1,2
Flash Point (°C)	>16
Working Time	1 min.
Fixture Time	5 – 7 min.
Functional Strength	1 hours
Full Cure	4 – 6 hours

• CURED PROPERTIES

Hardness (Shore D)	55	
Temperature Resistance (°C)	-40 to +150	
TG DSC (°C)	50 to 55	
Shrinkage (%)	<1	
E Modul (MPa)	462	
Elongation at Break (%)	4	
Lap Shear Strength (Steel/Steel) (MPa)	27,5	
Lap Shear Strength (Al/Al) (MPa)	22	
Lap Shear Strength (SS/SS) (MPa)	21	
Lap Shear Strength (Brass/Brass) (MPa)	23	
Lap Shear Strength (PC/PC) (MPa)	5*	
Lap Shear Strength (ABS/ABS) (MPa)	8*	
Lap Shear Strength (PVC/PVC) (MPa)	8	
Lap Shear Strength (FRP/FRP) (MPa)	8,5*	

*substrate failure

STORAGE AND SHELF-LIFE

Shelf life of Acry'tron 007 base and activator (Parts A&B) are max. 9 months. Store between 12°C and 23°C.

Our data sheets have been compiled to the best of our knowledge. The information included in our data sheets is exclusive information for the tended user and describes characteristics, with no declaration of commitment. We recommend trials in order to confirm that our products satisfy the particular application requirements. For an additional technical consultation, please contact our RD department. Adhetron is a brand of Pulsar Chem. Industry and Trade Co. INC.





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