

ACRY-TRON 1E20 LOW ODOR, LONG POT-LIFE ACRYLIC STRUCTURAL ADHESIVE

• PRODUCT DESCRIPTION

Acry'tron 1E20 is a 100% solid, high performance acrylic based structural adhesive with low odor and long pot-life for large surface bonding applications. Acry'tron 1E20 has an excellent flexibility which tolerates different coefficient of thermal expansion of dissimilar substrates. Very good at heat resistance. MMA free, low hazard formula. 1E20 can be used with mixing tips or bead on bead. Contains 100µm spacers for thickness adjustment.

• RECOMMENDED SUBSTRATES

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

• UNCURED PROPERTIES

Base	Acrylate
Color	Yellow/Dark Blue
Specific Gravity	1gr/cm ³
Mixing Ratio	1:1
Viscosity (cps)	20000(mixed)
Flash Point(°C)	101
Pot Life	20 min.
Handling Time	25 min.
Full Cure	4 hours

• CURED PROPERTIES

Hardness (Shore D)	60
Operating Temp.	-40°C to 180°C
Shrinkage (%)	8
Lap Shear Strength (SS/SS) (MPa)	25,5
Lap Shear Strength (Al/Al) (MPa)	21
Lap Shear Strength (Secc-P/Secc -P) (MPa)	23

• STORAGE AND SHELF-LIFE

Shelf life of Acry'tron 1E20 base and activator (Parts A&B) are max. 9 months. Store between 8°C and 18°C.

