



SOLVENT ADHESIVES FOR PLASTIC MATERIALS - SELECTION AND MIXING CHARTS

ACRI-BOND 105

ACRI-BOND 105 is very fast-curing water-thin, clear solvent cement ideal for joining uncross-linked cast and extruded acrylic, polycarbonate and ABS. It is also suitable for many other applications as shown on the chart. It provides instant initial bonding, which makes it ideal for making T-bonds and bonding of narrow areas of all kinds.



SELECTION CHART ACRI-BOND 105	PMMA	PC	HIPS	ABS	PVC	PETG
PMMA - Polymethyl methacrylate - Acrylic	●					
PC - Polycarbonate	●	●				
HIPS - High Impact Polystyrene	●		●			
ABS - Acrylonitrile Butadiene Styrene	●		●	●		
PVC - Polyvinyl Chloride					●	
PETG - Polyethylene Terephthalate						●

ACRI-BOND 110

ACRI-BOND 110 is a clear, thickened, acrylic cement suitable for use with most of the commonly used plastic materials in various combinations. It's a general purpose cement that provides specially good results with cast acrylic, PVC, ASA and ABS. It leaves a clear finish on all materials and provides very strong bonding. It is fast drying and the initial bond is firm within a short time. After drying it leaves approximately 30% solid residue.



SELECTION CHART ACRI-BOND 110	PMMA	PC	HIPS	ABS	PVC	PETG
PMMA - Polymethyl methacrylate - Acrylic	●					
PC - Polycarbonate	●	●				
HIPS - High Impact Polystyrene	●	●	●			
ABS - Acrylonitrile Butadiene Styrene	●	●	●	●		
PVC - Polyvinyl Chloride	●	●	●	●	●	
PETG - Polyethylene Terephthalate						●

ACRI-BOND 105 MIXED WITH ACRI-BOND125
Adding "body" to water-thin solvent for smooth flow and improve "gap filling". When dry it will leave 7%,15% or 20% clear acrylic resin.



ACRI-BOND 105 MIXED WITH ACRI-BOND110
Adding "body" to water-thin solvent for smooth flow and improve "gap filling". Slows evaporation of AB105. When dry it will leave 7%, 15% or 20% clear acrylic resin.



ACRI-BOND 110 MIXED WITH ACRI-BOND120
After some time in storage this product may become thicker and you can then add AB120 to thin it and make it flow again.



ACRI-BOND 110 MIXED WITH ACRI-BOND125
Mixing in 50-50 ratio will get you similar performance to Weldon 16. When dry it will leave about 30% clear acrylic resin.



ACRI-BOND 125

ACRI-BOND 125 is a clear, thickened cement designed for mixing with ACRI-BOND 105 to achieve suitable viscosity for application. It is very good for joining acrylic to acrylic, polycarbonate, HIPS, ABS and PVC. It leaves a clear finish on acrylic and provides very strong bonding. It has a drying speed required for industrial applications. After drying it leaves approximately 30% solid residue.

SELECTION CHART ACRI-BOND 125	PMMA	PC	HIPS	ABS	PVC	PETG
PMMA - Polymethyl methacrylate - Acrylic	●					
PC - Polycarbonate	●	●				
HIPS - High Impact Polystyrene	●		●			
ABS - Acrylonitrile Butadiene Styrene	●		●	●		
PVC - Polyvinyl Chloride					●	
PETG - Polyethylene Terephthalate						●

ACRI-BOND 125 MIXED WITH ACRI-BOND105
After some time in storage this product may become thicker and you can then add AB105 to thin it and make it flow again.



ACRI-BOND 120

ACRI-BOND 120 is a very fast-curing, water-thin, clear, solvent cement suitable for joining ABS, HIPS, PVC and PETG, which makes it an ideal glue for model-makers as well as sign fabricators. It is a one part, easy-to-use adhesive that provides very strong bonding and a clear finish. Can be applied with brush, syringe or needle applicator.



SELECTION CHART ACRI-BOND 120	PMMA	PC	HIPS	ABS	PVC	PETG
PMMA - Polymethyl methacrylate - Acrylic						
PC - Polycarbonate		●				
HIPS - High Impact Polystyrene		●	●			
ABS - Acrylonitrile Butadiene Styrene		●	●	●		
PVC - Polyvinyl Chloride					●	
PETG - Polyethylene Terephthalate						●

ACRI-BOND 120 MIXED WITH ACRI-BOND 110
Adding "body" to water-thin solvent for smooth flow and improves "gap filling". When dry it will leave 7%, 15% or 20% clear acrylic resin.



STARTER PACK



TRADE PACK 1



TRADE PACK 2



TRADE PACK 3



CLEANERS, ANTI-STATIC POLISHERS, ADDITIVES AND SPECIALTY PRODUCTS

BRILLIANIZE

Brilliance is specially formulated to clean, preserve and protect high-performance big screen televisions, plasma monitors, photo copiers, scanners, retail and show displays or any non-porous hard surface. Brilliance is also safe for coated optics.

Satchels with WET and DRY cloths are available too.



XERAPOL

Xerapol polishing paste reliably removes scratches from uncoated acrylic glass and plastic parts on motorbikes, cars, caravans and mobile homes, boats, furniture, acrylic tubs and varnished wood trim finishing, etc.

It is non-toxic and odourless.



ACRI-BOND CLEANERS

Solvent cleaners designed for acrylic parts and removal of masking tape or paper.



ACRI-BOND ADDITIVES

We have specialty items such as:

- Anti-crazing agent
- Anti-blushing agent
- ACRIFIX Thinner
- Unique chemicals
- Customised solutions

ACRIFIX 192

Acrifix 192 is one-component polymerisation adhesive. It's a clear, purplish viscous solution of an acrylic polymer in methyl methacrylate, which polymerises on exposure to sun and UV light.

UV Light source

- Superacting UV-A fluorescent lamp, 15 min
- Tanning studio UV-A fluorescent lamp, 15 min
- Sunlight, 20-30 min



ACRIFIX 190 - TWO Parts

Acrifix 190 is two-component polymerisation adhesive. It's clear, purplish viscous solution of an acrylic polymer in methyl methacrylate, which polymerises when mixed with Catalyst 20.

100 mL mixing beaker and 3 mL dosing pipettes are supplied as a kit.



UV ADHESIVES AND EQUIPMENT

UV1046

Water-thin UV adhesive for capillary effect applications. Cures on 365nm.

UV2046

Medium body UV adhesive for capillary effect applications. Cures on 365nm. Good for "mitre joints" as it has good gap-filling abilities.

UV3232

Thickened UV adhesive for "no drip" applications. Cures on 365nm. Excess glue can be removed before final cure.



RECHARGEABLE TORCH

LED UV Light Torch suitable for most application of curing UV adhesives and many more uses (forensics, security, minerals, inspections, etc) Available in 365, 395 and 420nm UV spectrums.



"GRAY STORM" Controller

LED UV Light Controller with 12V UV light pen suitable for curing UV adhesives. High intensity device of 1.5W/cm2 at 365nm. Light source supplied with 2m extension cable and foot switch. It has 4 ports for 4 UV heads and is very easy to program for time and intensity. UV Light source can be standard or fan cooled for prolonged laboratory or light industrial use.



"BLUE STORM" Controller

LED UV Light Controller with 24V UV light head suitable for curing UV adhesives requiring longer joints such as with display boxes. High intensity device of 1.5W/cm2 at 365nm. Light source supplied with 2m extension cable and foot switch. It has 4 ports for 2 UV heads and is very easy to program for time and intensity. UV Light source is fan cooled and solidly built for prolonged industrial use.



ACCESSORIES

BOTTLE APPLICATORS, SYRINGES, MIXING BEAKERS, PIPETTES AND NEEDLES (0.6mm - YELLOW 0.8mm - PINK 1.4 mm - GREEN)

We created professional tools for precision control and safe and easy use. The applicator system consists of: Bottle, lure cap and needle or nozzle. Manual syringes are available too. All ATA's needles are high-quality items supplied in a set of 10 in plastic bags, colour coded for safe handling and storage. 100 mL witch-hat transparent bottle applicator is available for use with viscous cements. Decanting spouts with a cap, 100 mL mixing beaker and 3 mL dosing pipettes are very useful accessories.

