ADHESIVES
MAGMA BOND

MAGMA BOND ADHESIVE C1 (Similar to Tensol 12)

- Single component solvent based acrylic adhesive.
- Hardens at room temperature by absorption and evaporation of the solvent and depositing polymer into the joint.
- Quick and easy to use directly from the tin.
- Not recommended for laminating acrylic sheets.
- APPLICATION: Ideal for manufacturing of signs and suitable for joining acrylic sheets (both **CAST** and **EXTRUDED** acrylic) for internal and external use. Also suitable for bonding extruded acrylic (XT), PVC and HIPS-styrene.

MAGMA BOND ADHESIVE C2 (Similar to Tensol 17)

- Two component solvent based acrylic adhesive.
- Hardens at room temperature by polymerisation.
- High strength bonding (same strength as the **CAST** acrylic sheet) with excellent weathering resistance.
- APPLICATION: Suitable for bonding and laminating **CAST** acrylic sheet and for joining acrylic sheets for internal and external use. Will bond to other materials such as PC, UHI, wood and extruded acrylic (XT).

MAGMA BOND ADHESIVE C3 (Similar to Tensol 2000)

- Single component solvent based acrylic adhesive.
- Hardens by using UV curing.
- High strength bonding (same strength as the cast acrylic sheet) with excellent weathering resistance.
- Not recommended where both materials are either non transparent or dark as this will inhibit the photo catalyst reaction process.
- APPLICATION: Suitable for bonding and laminating **CAST** acrylic sheet and for joining acrylic sheets for internal and external use. Will bond to other materials such as PC, UHI and extruded acrylic (XT).

MAGMA BOND ADHESIVE E1 (Similar to Tensol 30 & 17)

- Single component solvent based acrylic adhesive.
- Especially created for extruded acrylic material.
- Hardens at room temperature by absorption and evaporation of the solvent and depositing polymer into the joint.
- Quick and easy to use directly from the tin.
- Not recommended for bonding or lamination cast acrylic sheets.
- APPLICATION: Ideal for manufacturing of signs and suitable for joining **EXTRUDED** acrylic sheets for internal and external use. Will bond to other materials such as ABS and cast acrylic (GS).

MAGMA BOND ADHESIVE E2

- Single component solvent based acrylic adhesive.
- Especially created for **CAST** and **EXTRUDED** acrylic material.
- Hardens at room temperature by absorption and evaporation of the solvent and depositing polymer into the joint.
- Quick and easy to use directly from the tin.
- APPLICATION: Ideal for manufacturing of signs and suitable for joining acrylic sheets (both **CAST** and **EXTRUDED** acrylic) for internal and external use. Also suitable for bonding ABS, PVC, PP, PETG and HIPS-Styrene.

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	MAGMA BOND C1	MAGMA BOND C2	MAGMA BOND C3
Adhesive properties:	Solvent	Reactive (Catalyst)	Reactive (UV sunlight)
Specific application:	Cast Acrylic (GS)	Cast Acrylic (GS)	Cast Acrylic (GS)
Other applicable bonding material:	XT, PVC, UHI and Styrene	XT, PC, UHI, Wood	XT, PC and UHI
Viscosity:	Medium	Medium - Thick	Medium - Thick
Unsupported gaps:	0.5mm	1 - 2mm	1 - 2mm
Bond strength:	Strong	Very strong	Very strong
Product versatility and application:	General purpose	General purpose to fabrication work	General purpose to fabrication work
Initial bond strength:	10 minutes	1 hour	1 hour
Full bond strength:	12 hours	4 hours	4 hours
Delivery Programme:	100gr, 200gr, 500gr, 5kg	525gr, 5kg	500gr, 5kg
Product Image:			

	MAGMA BOND E1	MAGMA BOND E2	MAGMA BOND M1
Adhesive properties:	Solvent	Solvent	M1 is a formulated liquid designed to alter the viscosity of the Magma Bond adhesives and to effectively improve the preparation of bonded areas when applied, enhancing adhesion which results in a stronger bond.
Specific application:	Extruded Acrylic (XT)	Cast Acrylic (GS) and Extruded Acrylic (XT)	
Other applicable bonding material:	GS and ABS	ABS, PVC, PP, PETG and Styrene	
Viscosity:	Low	Low - Medium	
Unsupported gaps:	0.1mm	0.3mm	
Bond strength:	Strong	Strong	
Product versatility and application:	General purpose to fabrication work	General purpose to fabrication work	
Initial bond strength:	30 - 60 seconds	1 - 2 minutes	
Full bond strength:	3 hours	4 hours	
Delivery Programme:	500gr	500gr	
Product Image:			

MAGMA ACRYLICS
Exclusively designed hand crafted acrylic products