

BOSTIK DIY GLUE STICKS A HOT MELT ADHESIVE

Bostik DIY Glue Sticks are a high performance, hot melt adhesive supplied in 300mm by 11.5 mm diameter sticks. They are designed for application by Bostik DIY Glue Gun and provide bonds with good flexibility and peel strengths, being particularly suitable for use with flexible substrates. The gluestick adhesive has an extended open working time and the applied adhesive coating can also be heat reactivated.

APPLICATIONS

Bostik DIY Glue Sticks are suitable for assembly and repair work with a variety of materials including paper, board, hardboard, wood, leather, skins, textiles, clear and filled rubber, open and closed cell foam rubbers, polyurethane and PVC components, ABS, Perspex, aluminium, dry Oasis and Triflora, live and artificial flowers.

substrate, application temperature, volume and cross section of applied adhesive and closing pressure. For best results complete the bond within 15 seconds of applying the adhesive. Do not move or adjust surfaces after contact has been made, as inferior bond strength will result. As a general guide, a properly formed bond will, after joining, achieve:

BONDING INSTRUCTIONS

1. Ensure that the surfaces to be bonded are clean and dry.
2. Using a Bostik DIY Glue Gun apply the adhesive, where possible, to the surface which is the more difficult to bond (in general, metals and hard, smooth surfaces are more difficult to bond than rough porous surfaces).
3. Join the two mating surfaces together (using the highest pressure practicable) as quickly as possible after adhesive application in order to obtain the best results.

Handling strength:	Within 1 minute.
Full strength:	75% within 1 hour. 100% within 2 hours.

Work in warm draught-free conditions using substrates that are between 20°C to 35°C, for best results.

WARNING: When using this adhesive it is recommended that the customer pre-test for any effect of subsequent painting or dyes on glued joints as some spirit based dyes can severely attack small overlap wood joints.

NOTE: The open working time is up to 45 seconds, depending on the nature of the

SHELF LIFE: At least 24 months from the date of manufacture.

STORAGE: Store under dry conditions between 5°C and 25°C.

PACKAGING	Code
	80712 1 x 6 Blisters {each containing 6 x 100ml sticks}

HEALTH AND SAFETY: Available separately in file named as the packaging code above.

TYPICAL ADHESIVE CHARACTERISTICS

Physical Form:	Soft flexible solid in sticks 100 mm long, 11.5 mm diameter.
Colour:	White (translucent)
Chemical Type:	Ethylene vinyl acetate
Viscosity:	16 Pa s (160 poise) at 190°C approximately.
Solids Content:	100%
Specific Gravity:	1
Melting Point:	80°C
Temperature Resistance:	-25 to + 65°C approximately.
Water Resistance:	Good
Acid & Alkali Resistance:	Good
Solvents, Oil Resistance:	Poor
Fats & Plasticiser Resistance:	Poor

Shear Strength: (at 20°C)	Substrate to Itself	MPa
	Beechwood	2.65
	ABS	1.9
	Formica	2.1
	Aluminium	2.4
	Polyethylene	2.1
	Polyamide	1.8
	Polypropylene	2
	Polycarbonate	2.3
	Polystyrene	2.5
	PVC (rigid)	2.6
	Polymethacrylate	2.4
	Galvanised Iron	1.8

Peel Strength: (at 20°C)	Substrate to itself	N/mm
	Canvas	4.5

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