

Construction Components

Over the last few years, the market for prefabricated construction materials has seen a considerable growth. The improvement of the efficiency has also had an impact on traditional sectors, such as construction. More and more use is being made of (prefabricated) system solutions. Lighter, quicker and cleverer are just some of the key words that certainly apply here. With the help of Bostik's well thought-out adhesion technology, you have access to smart solutions. Our range consists of various (reactive) adhesives for the lamination of insulation materials and hot melts for making insulation materials self-adhesive. Other applications here include the production of double glazing, windows, doors and frames, aluminium and steel construction, sandwich panels, roof panels, unit construction, floors, HVAC (Heating, Ventilation, Air conditioning) and the production of laminated timber.



CONSTRUCTION COMPONENTS



SIMSON SMP ADHESIVES AND SEALANTS: ISOCYANATE-FREE ELASTIC ADHESIVES AND SEALANTS

Product	Base	Skin formation (min.)	Shore A	Tensile strength (MPa)	Elongation at break (%)	Characteristics
ISR 70-01	SMP	30	26	1,7	300	Universal sealant.
ISR 70-03*	SMP	10	55	2,6	250	Universal adhesive/sealant.
ISR 70-09*	SMP	10	60	2,9	200	Universal adhesive, with high green strength.
STR 350	SMP	15	50	1,8	180	Universal adhesive/sealant.
STR 360	SMP	10	57	2,7	180	Universal adhesive, with high green strength.

* Also suitable for Dual SMP system.

CONTACT ADHESIVES

Product	Base	Viscosity (mPa•s)	Dry contents (%)	Open time 2-way (min.)	Characteristics
Cofix S	PCP	600	19	30	Universal contact spray adhesive, high thermal resistance.
Novaflex 80/81	SBR	200	28	30	Universal contact spray adhesive, single-way adhesive power.
Vynicol 1520*	PU	2,600	20	15	Contact adhesive with excellent plasticizer resistance.
Bostik 1475	Nitril	3,100	23	10	Contact adhesive with excellent plasticizer resistance.
Bostik 2402	PCP	2,500	25	15	Contact adhesive with high heat resistance.
* = FX 100	hardener	n/a	n/a	n/a	Hardener for contact adhesives, for extreme performance.

WHITE WOOD ADHESIVES

Product	Base	Viscosity (mPa•s)	Dry contents (%)	Open time (min.)	Characteristics
ALFO DG 45	PVAc	9,000	50	5	White wood adhesive for interior bonding (D2).
ALFO DN 45	PVAc	12,000	50	5	White wood adhesive with improved moisture resistance (D3).
ALFO DN 200	PVAc	6,500	48	7	White wood adhesive for exterior bonding applications (D4), ready-for-use.



ADHESIVES AND SEALANTS

1 - C PU ADHESIVES

Product	Base	Viscosity (mPa•s)	Pressing time (hours)	Open time (min.)	Characteristics
Marocol PU1/D124	PU	5,000	8	70	Universal moisture-curing construction adhesive, long open time.
Novaflex XPU 18375	PU	3,500	6	40	Universal moisture-curing construction adhesive, average open time.
Marocol 61120	PU	6,000	3	50	Universal moisture-curing construction adhesive, short pressing time.
XPU 18268D	PU	12,000	3	30	Certified construction adhesive for the lamination of wooden trusses.
XPU 18268F	PU	5,000	2	20	Certified construction adhesive for the lamination of wooden trusses, short pressing time.

RESORCINE ADHESIVES FOR TRUSS CONSTRUCTIONS

Product	Base	Hardener	System	Characteristics
Enocol RLF 185	Resorcine	DP 155	Liquid/powder	Resorcine adhesive for the manufacture of laminated timber.
Enocol XRL 490	Resorcine	XDL 490	Liquid/liquid	Resorcine adhesive for the manufacture of laminated timber.

2 - C PU CONSTRUCTION ADHESIVES

Product	Mix ratio (weight)	Viscosity (mPa•s)	Pot life (min.)	Pressing time (hours)	Open time (min.)	Characteristics
Marocol PU2D/430	100 : 20	4,000	100	8	150	Universal low-viscosity construction adhesive, long open time.
Marocol PU2D/480	100 : 16	Thixotropic	115	8	200	Universal thixotropic construction adhesive, average open time.
Marocol XPU 61109	100 : 25	2,500	15	3	110	Universal low-viscosity construction adhesive, short pressing time.
Topfix XPU 18018	100 : 71	Thixotropic	7	n/a	9	Ultra-fast construction adhesive (short pressing time), deliverable in 2-C cartridges.
Hardener 4300	n/a	n/a	n/a	n/a	n/a	Hardener for Marocol/Marothaan.

2 - C PU FLOOR COATING SYSTEMS

Product	Mix ratio (weight)	Viscosity (mPa•s)	Density (kg/l)	Pot life (min.)	Curing time (hours)	Characteristics
Marothaan	100 : 22,5	4500	1,54	55	48	Self-levelling floor coating system, suitable for food contact. Can be made non-slip with Mandurax.
Marocoat	100 : 24	Thixotropic	1,54	45	4	Non-slip coating for Marothaan.
Hardener 4300	n/a	n/a	n/a	n/a	n/a	Hardener for Marocol/Marothaan.

PUR HOT MELTS

Product	Base	Viscosity (mPa•s)	Open time (min.)	Application temp. (°C)	Curing time (hours)	Characteristics
Supergrip 9224	PU	20,000 (90 °C)	15	90-110	72	Reactive hot melt for laminate applications (insulation materials and prefab doors, among others).
Supergrip 9220	PU	7,000 (90 °C)	15	80-100	72	Reactive hot melt for laminate applications (insulation materials, among others).
Supergrip 9806	PU	12,000 (120 °C)	2	100-130	72	Reactive hot melt for rigid insulation materials, constructive, roll application.
Supergrip 9850	PU	35,000 (130 °C)	3	120-140	72	Reactive hot melt for rigid insulation materials, constructive, roll application.



ADHESIVES AND SEALANTS

SELF-ADHESIVE HOT MELTS [HMPSA]

Product	Base	Viscosity (mPa•s)	SAFT (°C)	Softening point (°C)	Characteristics
TLH 4280 E	SBC	11,000 (160 °C)	74	90	Universal hot melt for permanent bonding applications, excellent cold tack. Particularly suitable for making insulation materials self-adhesive.
TLH 2187 EM	SBC	15,000 (160 °C)	81	105	Universal hot melt for permanent bonding applications, excellent cohesion.
TLH 2355 E	SBC	9,000 (160 °C)	73	90	Self-adhesive hot melt for non-permanent bonding applications (removable).
TLH 2192 E	SBC	22,000 (160 °C)	80	106	Self-adhesive hot melt with fire-retardant properties.
TLH 2259 E	SBC	14,000 (160 °C)	69	98	Self-adhesive hot melt, especially suitable for use at low temperatures (-25°C).

EPOXY ADHESIVES

Product	Mix ratio (mass)	Viscosity (mPa•s)	Pot life (min.)	Open time (min.)	Curing time (hours)	Characteristics
Eponal 376	100 : 60	3,000	45-60	n/a	24	Liquid, wear-resistant epoxy coating.
Topfix NA41	1 : 1	3,000	3	5	0,4	Liquid, high strength epoxy adhesive, available in cartridges.

PRIMERS AND CLEANERS

Product	Cleaner/Primer	Drying time (min.)	Flash point (°C)	Characteristics
Cleaner I	Cleaner	5	12	Universal cleaner (mild).
Cleaner 14	Cleaner	5	-6	Universal cleaner (strong).
Prep M	Cleaner + primer	5	9	Universal cleaner and primer in one (wash primer).
Prep G	Primer	5	-1	Black primer to provide a UV screen.
Prep K	Primer	5	0	Special primer for various synthetic materials.
Primer MSP	Primer	60	<21	Special primer for stony materials.

EQUIPMENT AND ACCESSORIES

Product	Manual/ Pneumatic	Application	Characteristics
SOP 215 caulk gun	Manual	cartridges	Easy-to-use sealant caulk gun for light gunability sealants/adhesives (cartridges).
H45 caulk gun	Manual	cartridges	Durable hand caulk gun for heavy gunability adhesives (cartridges).
PZ600 caulk gun	Manual	600 ml sausage	Closed hand caulk gun for applying sealants/adhesives in 600 ml sausages.
T-16 caulk gun	Pneumatic	cartridges	Half-open caulk gun for pneumatic applying of sealants/adhesives (cartridges).
APG-600 caulk gun	Pneumatic	600 ml sausage	Closed hand caulk gun for the pneumatic applying of sealants/adhesives in 600 ml sausages.
Dual SMP caulk gun	Pneumatic	Dual SMP	Closed hand caulk gun for the pneumatic applying of Dual SMP.



ADHESIVES AND SEALANTS



PACKAGING

Various types of packaging are available. Please contact Bostik B.V. for more information.

BOSTIK ADHESIVES AND SEALANTS

Bostik operates as an independent subsidiary of the Total oil and gas company. Leading adhesives manufacturer Bostik is globally active in the development, manufacture and sales

of a wide range of high-quality adhesives and sealing agents for professionals. Worldwide, Bostik employs over 5,000 people, and has 48 production sites and sales offices.

INFORMATION

Bostik B.V.

P.O. box 303
5201 AH 's-Hertogenbosch
Tel.: +31 (0) 73 6 244 244
Fax: +31 (0) 73 6 244 344
E-mail: infolnl@bostik.com
Internet: www.bostik.nl

Bostik Belux SA-NV

Meulestedekaai 86
B-9000 Gent
Tel.: +32 (0) 9 255 17 00
Fax: +32 (0) 9 255 17 01
E-mail: info@bostik.be
Internet: www.bostik.be