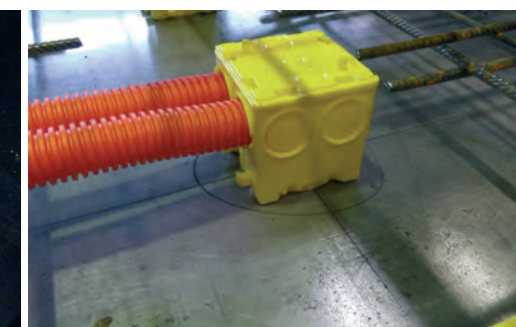
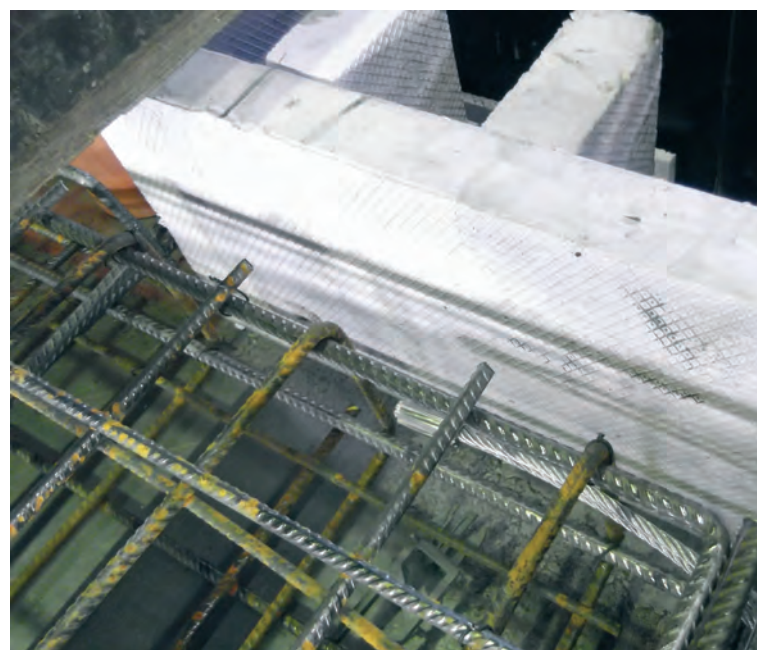


Hot Melt Adhesives for the Concrete Industry

The use of hot melt adhesives in the concrete industry has considerably optimized the production process. Components for recesses in prefabricated components (e.g. for sockets) can be fixed to the formwork quickly and easily and can be removed again without leaving any residue once the concrete part has been completed. There is no need to use magnets or adhesive tape.

Be they conventional or water-based, the **BÜHNEN hot melt products** offer the ideal solution depending on the release agent used. The polyolefin-based products are characterized by their high degree of heat stability, in addition to being flexible at cold temperatures and offering an outstanding adhesive spectrum.



Use:
+++ Very good,
++ Good,
+ Technically possible

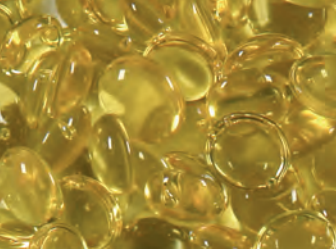
1) Adhesive basis:
A = Ethylene vinyl acetate (EVA)
B = Polyolefin (PO)
2) The values listed here are information according to internal BÜHNEN tests. Content is not legally binding and subject to changes without notice.

3) Delivery form:
1 = Slugs – approx 42 mm, diameter, length 50 mm
4 = Granulate/Pillows, bulk packed
5 = Blocks from approx 500 g – 4 kg

Tip
We strongly recommend that you test our products under your own specific conditions.

Features	Type of release agents	Hot melts for solvent-based release agents					Hot melts for water-based release agents			
		For conventional, solvent-based release agents: universal, excellent adhesion to metal formwork, rather in warmer environment, shorter open time		For conventional, solvent-based release agents: very good for spraying, sound heat resistance, for warm environment		For conventional, solvent-based release agents: long open time, very well for spraying, good cold flexibility, rather to be used in cold environments	Especially to be applied with water based release agents with antifreezing and anticorrosion compounds: very good for spraying, well removable from metal formwork	Especially to be applied with water based release agents with antifreezing and anticorrosion compounds: very good for spraying, well removable from metal formwork	Works particularly with standard water-based release agents: excellent adhesion properties, well removable from formwork, good cold flexibility	
Product Data	Type	0090.2	2127	0715	2216	0524	2413	2097	2635	1694
Adhesive base ¹⁾	B	B	B	B	B	B	B	B	B	A
Viscosity in mPas at 160°C	2.600	4.100	-	3.200	-	-	-	6.000	3.800	2.300
Viscosity in mPas at 180°C	-	-	2.500	-	4.500	5.600	-	-	-	-
Density in g/cm ³	0,98	0,98	0,98	0,98	0,98	0,98	0,98	0,98	0,98	0,98
Colour / Appearance	yellowish	yellowish	light brown	yellowish	light brown	beige	yellowish	yellowish	yellow	whitish
Softening point in °C by ring and ball method	110	118	135	110	100	94	115	115	80	85
Cold flexibility in °C	1	5	-5	1	-30	-5	-5	-5	5	-20
Working temperature in °C	160-180	160-180	180-190	160-180	160-180	160-180	160-180	160-180	150-180	150-170
Open time in seconds ²⁾	long	long	long	long	very long	very long	long	long	very long	medium
Setting time in seconds ²⁾	long	medium	long	medium	very long	long	medium	medium	long	medium
Hardness shore A	45	63	50	50	43	36	30	30	8	35
Sprayable	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Delivery form ³⁾	4	4	1, 4	4	1, 5	4	4	4	4	4





Hot Melt Adhesives for the Concrete Industry



Our compatible accessories one4all...



Heated Hoses



Application heads



Modules



Nozzles



Filters and filter screens

and our range of equipment for the concrete industry

Mechanical Glue Stick Guns

Pneumatic Glue Applicators

Hot Melt Tank Applicator Systems series HB 5000

Hot Melt Tank Applicator Systems series HB 6000

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