



SAFETY BLOC[®] 120

3i-building slabs ND 300
Mercor Dunamenti system

PRODUCT DATA SHEET

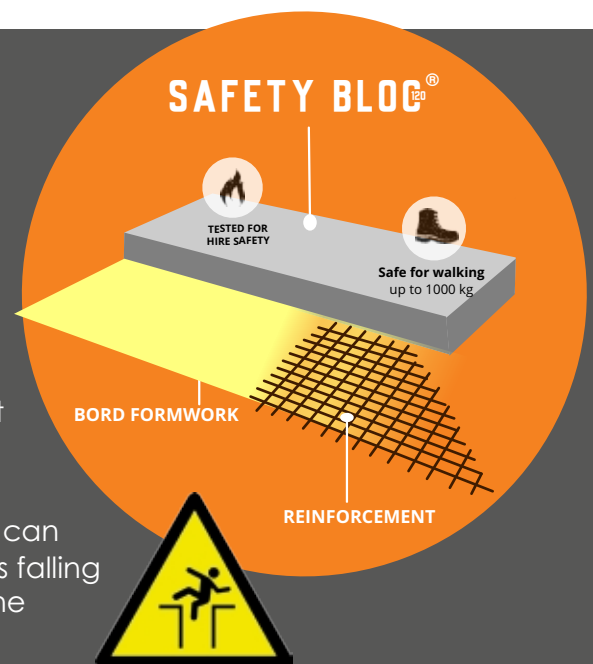
Solution for more safety in construction!

- **SAFETY BLOC 120** constitutes a formwork and fire protection element at the same time.
- When creating ceiling formworks **SAFETY BLOC 120** is simply concreted together.
- **SAFETY BLOC 120** is fixed with concreting and closes floor opening in a way safe for walking (nonslip).

- Personal safety
- Saving time
- Saving money

Open and badly protected floor openings count among the greatest hazards on construction site.

These high risks and personal injuries can be avoided. **SAFETY BLOC 120** prevents falling and offers professional securing of the construction site.



Essential features	Test standard	Performance	Techn. specification
Bulk density range	EN 678	(300 + 15) kg/m ³	ETA-06/0190 Issue 30.05.2018
Nominal value of thermal conductivity	EN ISO 10456	$\lambda = 0,089 \text{ W/(mK)}$	
Water vapour - Diffusion resistance factor	EN 12086	$\mu = 7$	
Heat storage capacity at 23°C/50% RH		$C_p = 1167 \text{ J/kgK}$	
Flexural strength	EN 12089	359 kPa	
Compressive stress at 10% compression	EN 826	433 kPa	
Fire resistance (one-sided Polylock Elastic)	EN 13501-2:2016		
The tests were carried out in accordance with	EN 1363-1 EN 1366-3	EI 120	

Note
Manufacturer shall not be liable for assembly errors.

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SAFETY BLOC[®] 120 Standard measurements

* other thickness available at request

Thickness cm	Product	Art. no	Measurements	Pcs/pallet	m ² /pallet	kg/pc	160 x 60 cm
18	SB	1606018	160/60 cm	6	5,76	52	
20	SB	1606020	160/60 cm	5	4,80	58	
22	SB	1606022	160/60 cm	5	4,80	63	
25	SB	1606025	160/60 cm	4	3,84	72	
30	SB	1606030	160/60 cm	3	2,88	86	

Thickness cm	Product	Art. no	Measurements	Pcs/pallet	m /pallet	kg/pc	120 x 60 cm
18	SB	1206018	120/60 cm	12	8,64	39	
20	SB	1206020	120/60 cm	10	7,20	43	
22	SB	1206022	120/60 cm	10	7,20	48	
25	SB	1206025	120/60 cm	8	5,76	54	
30	SB	1206030	120/60 cm	6	4,32	65	

Thickness cm	Product	Art.Nr.	Measurements	Pcs/pallet	m/pallet	kg/pc	80 x 60 cm
18	SB	806018	80/60cm	12	5,76	26	
20	SB	806020	80/60cm	10	4,80	29	
22	SB	806022	80/60cm	10	4,80	32	
25	SB	806025	80/60cm	8	3,86	36	
30	SB	806030	80/60cm	6	2,88	43	



Fire protection for installation feedthroughs

- SAFETY BLOC 120 System mercor dunamenti
- Fire safety class EI 120 acc. to EN 13501-2:2016
- The tests were carried out in accordance with EN 1366-3 and EN 1366-1

Technical fire protection counselling by
Mercor Dunamenti.



GUIDELINES:

Assemble **exclusively products** of the **Mercor Dunamenti** company.



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