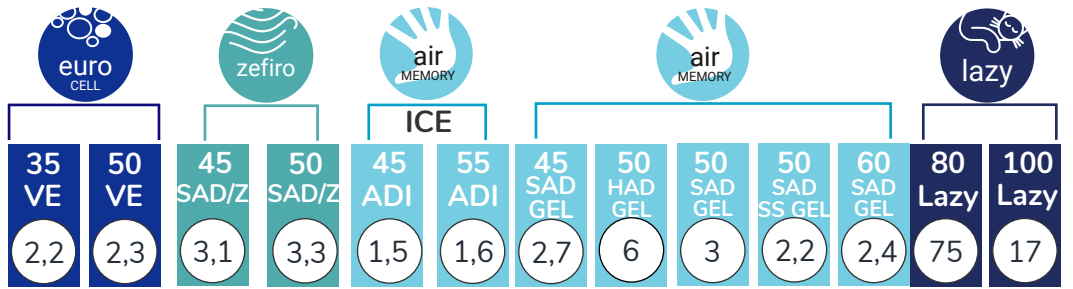




VISCOELASTICS



Property	Unit	35 VE	50 VE	45 SAD/Z	50 SAD/Z	45 ADI	55 ADI	45 SAD GEL	50 HAD GEL	50 SAD GEL	50 SAD SS GEL	60 SAD GEL	80 Lazy	100 Lazy
DENSITY UNI EN ISO 845	kg/m ³ ± 5%	32	50	45	50	45	55	45	50	50	50	50	80	100
COMPRESSION LOAD DEFLECTION UNI EN ISO 3386	kpa ± 15%	2,2	2,3	3,1	3,3	1,5	1,6	2,7	6	3	2,2	2,4	75	17
ELONGATION AT BREAK UNI EN ISO 1798	% min	145	95	106	105	120	130	140	105	110	120	105	55	50
COMPRESSION SET UNI EN ISO 1856/A	50% % max	*	2	1	1	1,5	1	1	2	1,8	2	2,2		
	75%	*	2	1,5	1,5	2,5	1,6	1,6	3	2,2	3	3,7		
FIRE TESTS		--	--	--	--	--	--	--	--	--	--	--	--	--
COLOR		  on demande												
BLOCKS WIDTH IN CM		203	140X190	140X200	160X190	160X200	180X200	200X210						

* FULL RETURN 24 HOURS

VISCOELASTICS



FIRE RESISTANT

STANDARD

	55 AD AU	35 AD	35 AD	40 AD	40 HAD	45 SAD	45 SAD	50 AD	35 AD	50 HAD	50 HAD PH	50 HADR	50 SADR
	2,8	1,6	4,1	4,5	7	2,5	2,3	2,7	1,6	5,4	5	6,5	2,2

DENSITY UNI EN ISO 845	kg/m ³ ± 5%	57	35	35	40	40	45	45	50	35	50	50	50	50
COMPRESSION LOAD DEFLECTION UNI EN ISO 3386	kpa ± 15% 40%	2,8	1,6	4,1	4,5	7	2,5	2,3	2,7	1,6	5,4	5	6,5	2,2
ELONGATION AT BREAK UNI EN ISO 1798	% min	110	110	110	150	135	140	140	130	110	130	115	130	125
COMPRESSION SET UNI EN ISO 1856/A	50% % max	1	2	2	1,5	2,2	3	3	2	2	1,7	1,8	1,5	1,5
	70%	2	3	3	2	3,7	3,5	3,5	4,5	3	2,2	2,3	2	2
FIRE TESTS		E	--	--	--	--	--	--	--	--	--	--	--	--
COLOR		on demand												
BLOCKS WIDTH IN CM		140X190 140X200 160X140 160X200 180X200 200X210												

VISCOELASTICS



STANDARD

50 SAD	50 SAD SS	55 AD	60 SAD	70 HAD PH	80 AD	85 AD	90 AD	90 HAD
3,5	1,8	3,5	2,5	9	2,6	2,7	2,9	3,5

DENSITY UNI EN ISO 845	kg/m ₃ ± 5%	50	50	55	60	70	80	85	90	90	
COMPRESSION LOAD DEFLECTION UNI EN ISO 3386	kpa ± 15% 40%	3,5	1,8	3,5	2,5	9	2,6	2,7	2,9	3,5	
ELONGATION AT BREAK UNI EN ISO 1798	% min	125	140	115	125	80	115	110	110	100	
COMPRESSION SET UNI EN ISO 1856/A	% max	50%	1,5	1,5	2	1,3	2	1	1,2	1	1
		70%	2	2,7	4	1,7	3	1,2	1,4	1,2	1,3
FIRE TESTS		--	--	A	--	--	--	--	--	--	
COLOR	on demand										
BLOCKS WIDTH IN CM		140X190	140X200	160X190	160X200	180X200	200X210				



SITAB P.E. fire-resistant products have specially predetermined fire reaction characteristics, according to national or international standards, to meet specific use requirements. Each certification of reaction to fire relevant to any product can be downloaded directly from the appropriate section of our website.

Legend of fire resistance certifications

- A – Technical Bulletin 117 – 2013 Section 3 (Californian Test)
- C – The furniture and Furnishings Regulations 1988, S.I. No. 1324, Schedule 1 Part 1
- D – FAR 25.853 (Federal Aviation Regulations)
- E – UNI 9175 (CSE RF 4/83 CLASSE 1 IM) con tessuti idonei
- F – Classement M4
- G – MVSS 302
- H – ABD 0031 – Airbus Industrie (ATS 1000.01 Airbus Test Specification)
- I – UL 94 HF-1 (Horizontal Burning Foamed Material Test)
- L – UNI 10707: 2003 NF F 16-101 (NF X 70-100: 2006)
- M – IMO 2010 – FTP code

Warnings

The data reported in the “technical features/technical data sheets” refer to samples obtained in the perpendicular plane to the growth direction of the product during the reaction phase and not near the external surfaces. High resilience materials such as HR and AT must be previously subjected to mechanical treatments to generate cell breakage (mangling).

We recommend to obtain the desired details so that during the final use phase they are stressed in a parallel direction to the direction of growth.

Data and information contained in this document and in the each technical sheets are based on the knowledge available on the issue’s date or subsequent revisions. SITAB PE reserves the right to modify the data herein reported at any time.

SITAB PE does not guarantee the sufficiency of the recommendations/warnings contained in this document and in each technical data sheets. Furthermore it’s not excluded that further measures may be required in particular or exceptional circumstances.

In case of compressed materials it will be necessary a waiting time of at least 24 hours from the material decompression. The material must be kept compressed for the shortest possible time, ideally just for the time necessary for transport. In the 24 hours following decompression (or at least for a few hours) it is necessary that the blocks/plates are not subjected to pressure from any direction, such as load compression, blocks / plates stacked on one another or pressed against the wall. For viscoelastic materials it is necessary to consider their thermo sensitivity: the ideal temperatures should be higher than 15 degrees. It is also necessary that the support base is sufficiently smooth to allow the material to “slip”, thus facilitating the return.

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