

**TECHNICAL DATA SHEET**

31/08/2005

BUILDING BLANKETS

REV : 0

Properties	Symbol	Unit	Description					Tolerance	Standard
Material	-	-	Glasswool					-	-
Density	d	kg/m ³	12					± 10%	DIN 18165
Width	W	mm	1200					± 2%	DIN 18165
Length	L	mm	24000	18000	15000	12000	7500	± 2%	DIN 18165
Thickness	t	mm	25	40	50	75	100	-1, +5	TS 901
Facing	-	-	Unfaced					-	-
Fire Behaviour	-	-	A1					-	EN 13501-1
Thermal Conductivity (10 °C)	λ	W/mK	0.043					-	ISO 8302
Thermal Resistance	R	m ² K/W	0.58	0.93	1.16	1.74	2.33	-	-
Max. Service Temperature	-	°C	250					-	ASTM C 447-85
Parting Strength	-	g/g	230					-	ASTM C 686
Specific Heat *	c	kJ/(kg.K)	0.84					-	EN 12524
Water Vapour Diffusion Resistance Coefficient **	μ	-	1					-	DIN 18165
Dynamic Elasticity *	Edyn	kN/m ²	0.8					-	DIN 52214
Absorbtion of Humidity	-	% by wt	< 1.8					-	ASTMC553-70
Compression Ratio	-	-	4.7 / 1	8 / 1	8.5 / 1	8.37 / 1	8 / 1	-	-
Roll Diameter	-	mm	405	335	350	370	335	-	-
Packaging Material	-	-	PE Film					-	-
Quantity / Package	-	$\frac{m^2}{pack.}$	28.8	21.6	18	14.4	9	-	-
Application Area	For general thermal and acoustical insulation applications. Product dimensions can be changed depends on customer requirements.								
Remarks	FSK Facing is also available. Maximum service temperature of FSK side is 90 °C and Fire Behaviour of FSK faced product is B2 according to DIN 4102.								

* Literature Value.

** Values are given by our Licensor for their equal products.

İzocam Glasswool Products are manufactured under the licence of Saint Gobain Isover.

İzocam Glasswool Products are manufactured in İZOCAM Tarsus Glasswool Plant having ISO 9001, ISO 14001 and OHSAS 18001 Management System Certificates.

Please contact İzocam Sales Department for different sizes, special facings and detailed technical properties.