

Isover InsulSafe33



Loose-fill white glass wool, made with recycled glass, without thermo-hardening resin. Isover InsulSafe33 is compressed in bags and has to be blown mechanically.



Application:

Thermal and acoustic insulation by blowing:

- Cavity walls
- Attic floors

Benefits:

- Thermal and acoustic insulation
- Non - combustible
- Mechanical stability (negligible settlement)
- Durability (no rot and no mould growth)
- Application comfort (few dust during blowing operations)
- Lightness
- Easy transportation (high compression ratio inside bags)
- Fast application
- Compatible with most of blowing machines

Storage

The product must be stocked inside, in ventilated areas and away from heat sources. .

Technical performance

Bag dimentions (m)

Kg/bag

Kg/pallet

1,055 x 0,60 x 0,21

17,3

622,8

Saint-Gobain PPC Italia S.p.A.

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Features	Value	U.M.	Norm
Reaction to fire class	A1	-	EN 13501-1
Water vapour resistance factor μ	1	-	EN 12086
Water absorption in short period	≤ 1	Kg/m ²	EN 1609
Declared thermal conductivity λ_D (cavity walls application)	0,033 – 0,035	W/(m·K)	EN 12667
Declared thermal conductivity λ_D (attic floors application)	0,041	W/(m·K)	EN 12667
Application density (cavity walls application)	30 - 25	Kg/m ³	EN 14064-1
Application density (attic floors application)	15	Kg/m ³	EN 14064-1
Settlement (cavity walls application)	S1 (≤ 1 %)	-	EN 14064-1
Settlement (attic floors application)	S1 (≤ 1 %)	-	EN 14064-1

Performance Chart

The following charts show performance for cavity walls and for attic floors applications

Cavity walls MW EN 14064-1 S1-WS-MU1

Application Density	30	Kg/m ³
Declared thermal conductivity λ_D	0,033	W/(m·K)
Frame width mm	Declared thermal resistance R_D m ² /K	Minimum bag usage rate 100 m ²
50	1,5	8,7
60	1,8	10,4
70	2,1	12,1
80	2,4	13,9
90	2,7	15,6
100	3,0	17,3
150	4,5	26,0
200	6,1	34,7
250	7,6	43,4
300	9,1	52,0

Cavity walls MW EN 14064-1 S1-WS-MU1

Application Density	25	Kg/m ³
Declared thermal conductivity λ_D	0,035	W/(m·K)
Frame width mm	Declared thermal resistance R_D m ² /K	Minimum bag usage rate 100 m ²
50	1,4	7,2
60	1,7	8,7
70	2,0	10,1
80	2,3	11,6
90	2,6	13,0
100	2,9	14,5
150	4,3	21,7
200	5,7	28,9
250	7,1	36,1
300	8,6	43,4

Attic floors MW EN 14064-1 S1-WS-MU1

Application Density		15	Kg/m ³	
Declared thermal conductivity λ_D		0,041	W/mK	
Declared thermal resistance R_D m ² /K	Final Thickness (after settlement) mm	Minimum installed thickness (pre settlement) mm	Minimum coverage kg/m ²	Minimum bag usage rate per 100 m ²
4,00	164	170	2,6	14,7
4,50	185	190	2,9	16,5
5,00	205	210	3,2	18,2
5,50	226	230	3,5	19,9
6,00	246	250	3,8	21,7
6,50	267	270	4,1	23,4
7,00	287	290	4,4	25,1
7,50	308	315	4,8	27,3
8,00	328	335	5,1	29,0
8,50	349	355	5,4	30,8
9,00	369	375	5,7	32,5
9,50	390	395	6,0	34,2
10,00	410	415	6,3	36,0

Documents and certificates available

DoP nr. 510 INSULSAFE 33
<https://www.isover.it/download/dop-510-isover-insulsafe33>

CE As for the CE marking, this insulating product complies with the "Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonized conditions for the marketing of construction products and repealing Council Directive 89/106 / EEC, seen and accepted the "GENERAL RULES FOR REGULATION (EU) No 305/2011, CONSTRUCTION PRODUCTS (CPR) "(Doc. 016_13 current revision) CSI SPA, according to standards EN 13162 and EN 13172. The reference certificate is n. 0407-CPR-1460 (IG-148-2018) Rev.1.

The EC data on this tab are those required for the thermal insulation of buildings by EN 13162: 2012 + A1: 2015 and common to all applications. The quality management system of Saint-Gobain PPC Italy S.p.A. is certified according to UNI EN ISO 9001: 2015. The environmental management system is certified according to UNI EN ISO 14001: 2015 The management system for the protection of Safety and Health Workers is certified to OHSAS18001: 2007. The data indicated in this statement, except those required by the CE mark, are not exhaustive and Saint-Gobain PPC Italy S.p.A. may, without special attention, change them. The supplies are subject to our production possibilities. Saint-Gobain PPC Italia S.p.A. reserves the right to make changes of any kind at any time and without prior notice, as well as to cease production.

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