

Fire Performance Roof Panels

Indications

<input type="checkbox"/> Not produced	<input type="checkbox"/> Without certification	<input checked="" type="checkbox"/> Certified performance	<input checked="" type="checkbox"/> Performance available (Certification extension)	<input checked="" type="checkbox"/> Performance available Technical declaration
---------------------------------------	--	---	---	---

FIRE REACTION	INSULATING MATERIAL	PANEL	PANEL NOMINAL THICKNESS- mm															
			30	35	40	50	60	70	72	80	92	100	102	120	150	170	180	200
A2 s1 d0	Mineral Wool	Isofire Roof				✓	✓			✓		✓		✓	✓	✓		✓
B s1 d0 ⁽¹⁾	PIR	Isocop	✓		✓	✓	✓			✓		✓		✓	✓			
B s2 d0	PIR	Isocop	✓		✓	✓	✓			✓		✓		✓	✓			
		Isovela					✓	✓		✓								
B s3 d0	PU	Isocop	✓		✓	✓	✓											
C s3 d0	PU	Isocop								✓		✓		✓	✓			
		Isotego								✓		✓		✓				
		Isotap	✓		✓	✓	✓			✓		✓		✓				
		Isodumus Classic	✓		✓	✓	✓	✓		✓								

Fire reaction Class achieved according to EN 13501-1 and EN 14509/2013.

(1) SPECIAL FORMULA - For further information, please contact Isopan.

FIRE RESISTANCE	INSULATING MATERIAL	PANEL	PANEL NOMINAL THICKNESS- mm															
			30	35	40	50	60	70	72	80	92	100	102	120	150	170	180	200
REI 240	Mineral Wool	Isofire Roof																✓
REI 120	Mineral Wool	Isofire Roof										✓		✓	✓	✓		✓
	Mineral Wool	Isodeck PVSteel MW ⁽¹⁾											✓	✓				
REI 60	Mineral Wool	Isofire Roof								✓								
		Isofire Roof-Fono								✓		✓		✓	✓	✓		✓
REI 30	Mineral Wool	Isofire Roof				✓	✓											
	PIR	Isocop ⁽¹⁾										✓		✓	✓			
REI 15	PIR	Isodeck PVSteel ⁽¹⁾										✓		✓	✓			
	PIR	Isocop ⁽¹⁾					✓			✓								
	PU	Isocop ⁽¹⁾								✓		✓		✓	✓			

Fire Resistance Class achieved according to 13501-2 and EN 14509/2013

(1) Performance achievable according to Assembly Instruction

Broof	INSULATING MATERIAL	PANEL	PANEL NOMINAL THICKNESS- mm															
			30	35	40	50	60	70	72	80	92	100	102	120	150	170	180	200
Broof {t3}	PU	Isocop	✓		✓	✓	✓			✓		✓		✓				
		Isodumus Classic			✓	✓	✓			✓								
		Isogrecata	✓		✓	✓	✓			✓								
		Isoray			✓	✓	✓			✓		✓						
Broof {t4}	PU	Isocop	✓		✓	✓	✓			✓		✓		✓				

If not specifically requested, Product provided will have no Fire Performance.

Fire Performance Wall Panels

Indications

<input type="checkbox"/> Not produced	<input type="checkbox"/> Without certification	<input checked="" type="checkbox"/> Certified performance	<input checked="" type="checkbox"/> Performance available (Certification extension)	<input checked="" type="checkbox"/> Performance available Technical declaration
---------------------------------------	--	---	---	---

FIRE REACTION	INSULATING MATERIAL	PANEL	PANEL NOMINAL THICKNESS- mm																
			30	35	40	50	60	70	72	80	92	100	102	120	150	170	180	200	
A2 s1 d0	Mineral Wool	Isofire Wall				✓	✓			✓		✓		✓	✓	✓		✓	
		Isofire Wall Plissé				✓	✓			✓		✓		✓	✓	✓		✓	
B s1 d0 ⁽¹⁾	PIR	Isofrigo, Isofrozen, Isofrozen HT								✓		✓		✓	✓		✓	✓	
		Isobox	✓	✓	✓	✓	✓			✓		✓		✓					
		Isoparete Plus			✓	✓	✓			✓		✓		✓					
		Isoparete (Plissé, Box)			✓	✓	✓			✓		✓		✓					
		Isoparete Evo					✓			✓		✓		✓					
		Isoclass							✓		✓		✓						
B s2 d0	PIR	Isobox, Isopiano, Isorighe	✓	✓	✓	✓	✓			✓		✓		✓					
		Isoparete (Plissé, Piano, Box)			✓	✓	✓			✓		✓		✓					
		Isoparete Evo					✓			✓		✓		✓					
		Isoparete Plus			✓	✓	✓			✓		✓		✓					
		Isoclass							✓		✓		✓						
	PU	Isofrigo, Isofrozen, Isofrozen HT								✓		✓		✓	✓		✓	✓	
		Isofrigo G.I. (Foamed Joint)										✓		✓	✓		✓	✓	
		Isoparete (Plissé, Piano, Box)			✓	✓	✓			✓		✓		✓					
B s3 d0	PU	Isobox, Isopiano, Isorighe	✓	✓	✓	✓	✓			✓		✓		✓					
		Isoclass							✓		✓		✓						

Fire reaction Class achieved according to EN 13501-1 and EN 14509/2013.

(1) SPECIAL FORMULA - For further information, please contact Isopan.

FIRE RESISTANCE	INSULATING MATERIAL	PANEL	PANEL NOMINAL THICKNESS- mm																
			30	35	40	50	60	70	72	80	92	100	102	120	150	170	180	200	
EI 180	Mineral Wool	Isofire Wall													✓	✓		✓	
EI 120 ⁽¹⁾	Mineral Wool	Isofire Wall										✓		✓	✓	✓		✓	
EI 90	Mineral Wool	Isofire Wall											✓	✓	✓			✓	
EI 60	Mineral Wool	Isofire Wall							✓		✓								
EI 60 ⁽¹⁾	PIR	Isofrigo, Isofrozen, Isofrozen HT																✓	
EI 30 ⁽¹⁾	Mineral Wool	Isofire Wall				✓	✓												
		Isoparete (Plissé, Piano)									✓		✓						
	PIR	Isoparete Evo								✓		✓		✓					
EI 20 ⁽¹⁾	PIR	Isofrigo, Isofrozen, Isofrozen HT									✓		✓		✓		✓		
		Isobox, Isopiano, Isorighe					✓			✓		✓		✓					
		Isoparete (Plissé, Piano)								✓		✓		✓					
		Isoparete Evo								✓		✓		✓					
EI 15	Mineral Wool	Isofire Wall				✓	✓												
	PIR	Isobox, Isopiano, Isorighe (ceiling)					✓			✓		✓		✓					
EW 60 ⁽¹⁾	PU	Isobox, Isopiano, Isorighe								✓		✓		✓					

Fire Resistance Class achieved according to 13501-2 and EN 14509/2013

(1) Performance achievable according to Assembly Instruction

If not specifically requested, Product provided will have no Fire Performance.

Acoustic Performance

Indications

<input type="checkbox"/> Not produced	<input type="checkbox"/> Without certification	<input checked="" type="checkbox"/> Certified performance	<input checked="" type="checkbox"/> Performance available (Certification extension)	<input checked="" type="checkbox"/> Performance available (Technical declaration)
---------------------------------------	--	---	---	---

ROOF PANELS

SOUND INSULATION	INSULATING MATERIAL	PANEL	PANEL NOMINAL THICKNESS- mm															
			30	35	40	50	60	70	72	80	92	100	102	120	150	170	180	200
RW = 35 dB	Mineral Wool	Isofire Roof FONO								✓								
RW = 34 dB	Mineral Wool	Isofire Roof FONO										✓		✓	✓	✓		✓
RW = 31 dB	Mineral Wool	Isofire Roof FONO				✓	✓											
RW = 30 dB	Mineral Wool	Isofire Roof FONO				✓												
RW = 29 dB	PIR	Isocop										✓		✓	✓			
RW = 24 dB	Polyurethane	Isodomus Classic			✓	✓	✓			✓								

SOUND ABSORPTION	INSULATING MATERIAL	PANEL	PANEL NOMINAL THICKNESS- mm															
			30	35	40	50	60	70	72	80	92	100	102	120	150	170	180	200
αW = 1	Mineral Wool	Isofire Roof FONO				✓				✓		✓						

WALL PANELS

SOUND INSULATION	INSULATING MATERIAL	PANEL	PANEL NOMINAL THICKNESS- mm															
			30	35	40	50	60	70	72	80	92	100	102	120	150	170	180	200
RW = 35 dB	Mineral Wool	Isofire Wall FONO								✓		✓		✓	✓	✓		✓
RW = 34 dB	Mineral Wool	Isofire Wall FONO				✓	✓											
RW = 30 dB	Mineral Wool	Isofire Wall								✓		✓		✓	✓	✓		✓
RW = 29 dB	PIR	Isoparete Plissé										✓						

SOUND ABSORPTION	INSULATING MATERIAL	PANEL	PANEL NOMINAL THICKNESS- mm															
			30	35	40	50	60	70	72	80	92	100	102	120	150	170	180	200
αW = 1	Mineral Wool	Isofire Wall FONO				✓				✓		✓						