

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)
M.W. Mineral Wool	PU PIR Poliurethane			

FIRE REACTION	INSULATING MATERIAL	PANEL	PANEL NOMINAL THICKNESS- mm																	
			30	35	40	50	60	70	72	80	92	100	102	120	140	150	170	180	200	
A2 s1 d0	M.W.	Isofire Roof				✓	✓				✓		✓		✓		✓	✓		✓
		Isofire Roof Fono				✓	✓				✓		✓		✓		✓	✓		✓
B s1 d0 ⁽¹⁾	M.W.	Isodeck PVSteel MW				✓	✓				✓		✓		✓		✓			
	PIR	Isocop	✓		✓	✓	✓				✓		✓		✓		✓			
		Isotego	✓		✓	✓	✓				✓		✓		✓		✓			
B s2 d0	PIR	Isotap	✓		✓	✓	✓				✓		✓		✓		✓			
		Isocop	✓		✓	✓	✓				✓		✓		✓		✓			
		Isotego	✓		✓	✓	✓				✓		✓		✓		✓			
		Isodeck PVSteel PU	✓		✓	✓	✓				✓		✓		✓		✓			
		Isodomus Classic	✓		✓	✓	✓				✓		✓		✓		✓			
B s3 d0	PU	Isocop	✓		✓	✓	✓													
		Isotap	✓		✓	✓	✓													
C s3 d0	PU	Isocop										✓		✓		✓				
		Isotego										✓		✓		✓				
		Isotap	✓		✓	✓	✓					✓		✓		✓				
		Isodeck PVSteel PU	✓		✓	✓	✓					✓		✓		✓				
		Isodomus 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	PANEL NOMINAL THICKNESS- mm																			
	30	35	40	50	60	70	72	80	92	100	102	120	140	150	170	180	200			
REI 240	M.W.	Isofire Roof																		✓
REI 180	M.W.	Isofire Roof ⁽¹⁾								✓		✓		✓	✓					
REI 120	M.W.	Isofire Roof								✓		✓		✓	✓					
	M.W.	Isofire Roof-Fono										✓		✓	✓					✓
	M.W.	Isodeck PVSteel MW ⁽¹⁾											✓		✓	✓				✓
REI 60	M.W.	Isofire Roof							✓											
		Isofire Roof-Fono							✓		✓		✓		✓	✓				✓
REI 30	M.W.	Isofire Roof			✓	✓														
	PIR	Isocop ⁽¹⁾										✓		✓		✓				
REI 15	PIR	Isodeck PVSteel ⁽¹⁾										✓		✓		✓				
		Isocop ⁽¹⁾					✓					✓		✓		✓				
		Isocop ⁽¹⁾								✓		✓		✓		✓				

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

(1) Performance achievable according to Assembly Instruction

BROOF	PANEL NOMINAL THICKNESS- mm																				
	30	35	40	50	60	70	72	80	92	100	102	120	140	150	170	180	200				
Broof (t2)	PU	Isodeck PVSteel PU								✓											
Broof (t3)	PU	Isocop	✓		✓	✓	✓			✓		✓		✓							
		Isodomus Classic	✓		✓	✓	✓			✓		✓		✓							
		Isogrecata	✓		✓	✓	✓			✓		✓		✓							
		Isocop Multifunzione	✓		✓	✓	✓			✓		✓		✓		✓					
Broof (t4)	PU	Isocop	✓		✓	✓	✓			✓		✓		✓							

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)
M.W.	Mineral Wool	PU PIR	Poliurethane						

INSULATING MATERIAL		PANEL	PANEL NOMINAL THICKNESS- mm																				
FIRE REACTION			30	35	40	50	60	70	72	80	92	100	102	120	122	140	150	170	180	200	240		
A2 s1 d0	M.W.	Isofire Wall				✓	✓				✓		✓		✓			✓	✓		✓	✓	
		Isofire Wall Fono				✓	✓				✓		✓		✓			✓	✓		✓	✓	
		Isofire Wall Plissé				✓	✓				✓		✓		✓			✓	✓				
B s1 d0 ⁽¹⁾	PIR	Isofrigo, Isofrozen, Isofrozen HT									✓		✓		✓			✓		✓	✓	✓	
		Isobox	✓	✓	✓	✓	✓				✓		✓		✓								
		Isoparete Plus 2				✓	✓	✓				✓		✓		✓							
		Isoparete (Plissé, Box, Piano)				✓	✓	✓				✓		✓		✓		✓					
		Isoparete Evo						✓				✓		✓		✓			✓				
B s2 d0	PIR	Isoclass							✓		✓		✓		✓								
		Isofire Wall, Isofire Wall Fono	✓	✓	✓	✓	✓				✓		✓		✓								
		Isofire Wall Plissé				✓	✓	✓				✓		✓		✓							
		Isoparete Evo						✓				✓		✓		✓			✓				
	PU	Isoparete Plus 2				✓	✓	✓				✓		✓		✓							
		Isoclass								✓		✓		✓		✓							
		Isofrigo, Isofrozen, Isofrozen HT									✓		✓		✓			✓		✓	✓	✓	✓
B s3 d0	PU	Isofrigo G.I. (Giunto Iniettato)									✓		✓		✓			✓		✓	✓	✓	
		Isoparete (Plissé, Piano, Box)				✓	✓	✓				✓		✓		✓							
		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			30	35	40	50	60	70	72	80	92	100	102	120	122	140	150	170	180	200	240		
EI 180	M.W.	Isofire Wall, Isofire Wall FONO															✓	✓		✓	✓	✓	
EI 120 ⁽¹⁾	M.W.	Isofire Wall, Isofire Wall FONO										✓		✓			✓	✓		✓	✓	✓	
EI 90	M.W.	Isofire Wall, Isofire Wall FONO												✓			✓	✓		✓	✓	✓	
EI 60	M.W.	Isofire Wall								✓		✓											
EI 60 ⁽¹⁾	PIR	Isofrigo, Isofrozen, Isofrozen HT																			✓		
EI 30 ⁽¹⁾	M.W.	Isofire Wall, Isofire Wall FONO				✓	✓																
		Isofire Wall Plissé										✓		✓				✓	✓				
EI 20 ⁽¹⁾	PIR	Isofire Wall, Isofire Wall FONO										✓		✓									
		Isofrigo, Isofrozen, Isofrozen HT										✓		✓									
		Isoparete (Plissé, Piano, Box)											✓		✓		✓						
EI 15	M.W.	Isofire Wall, Isofire Wall FONO				✓	✓																
	PIR	Isofire Wall, Isofire Wall FONO					✓				✓		✓		✓								
EW 240 ⁽¹⁾	M.W.	Isofire Wall															✓	✓		✓			
EW 60 ⁽¹⁾	PU	Isofire Wall, Isofire Wall FONO								✓		✓		✓									

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

(1) Performance achievable according to Assembly Instruction

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
<input type="checkbox"/>	M.W. Mineral Wool	<input type="checkbox"/>	PU PIR		Poliurethane				

INSULATING MATERIAL		PANEL	PANEL NOMINAL THICKNESS- mm																
ROOF PANELS			30	35	40	50	60	70	72	80	92	100	102	120	140	150	170	180	200
SOUND INSULATION																			
RW = 36 dB	M.W.	Isofire Roof FONO									✓								✓
RW = 35 dB	M.W.	Isofire Roof FONO									✓								
RW = 34 dB	M.W.	Isofire Roof FONO										✓		✓		✓	✓		✓
RW = 31 dB	M.W.	Isofire Roof FONO				✓	✓												
RW = 34 dB	M.W.	Isofire Roof FONO										✓		✓		✓	✓		✓
RW = 34 dB	M.W.	Isofire Roof FONO										✓		✓		✓	✓		✓
RW = 34 dB	M.W.	Isofire Roof FONO										✓		✓		✓	✓		✓
RW = 34 dB	M.W.	Isofire Roof FONO										✓		✓		✓	✓		✓
RW = 30 dB	M.W.	Isofire Roof				✓													
RW = 29 dB	PIR	Isocop										✓		✓		✓			
RW = 24 dB	PU	Isodomus Classic			✓	✓	✓				✓								

SOUND ABSORPTION			30	35	40	50	60	70	72	80	92	100	102	120	140	150	170	180	200
αW = 1	M.W.	Isofire Roof FONO				✓	✓			✓		✓		✓		✓	✓		✓
	M.W.	Isofire Roof FONO										✓		✓		✓	✓		✓

WALL PANELS			30	35	40	50	60	70	72	80	92	100	102	120	140	150	170	180	200	240
SOUND INSULATION																				
RW = 35 dB	M.W.	Isofire Wall FONO								✓		✓		✓		✓	✓		✓	
RW = 34 dB	M.W.	Isofire Wall FONO				✓	✓													
RW = 34 dB	M.W.	Isofire Wall FONO																		
RW = 34 dB	M.W.	Isofire Wall														✓	✓		✓	✓
RW = 30 dB	M.W.	Isofire Wall								✓		✓		✓		✓	✓		✓	✓
RW = 29 dB	PIR	Isoparete Plissé										✓		✓	✓					

SOUND ABSORPTION			30	35	40	50	60	70	72	80	92	100	102	120	140	150	170	180	200
αW = 1	M.W.	Isofire Wall FONO				✓	✓			✓		✓		✓		✓	✓		✓