## DECLARATION OF PERFORMANCE

## N° GXC315084

-DS(70 ction p Build anufae	produ lings cture aly const	VL(T) VL(T) Ict, in r:: ancy	o,7-Wi	D(V)5- rdanc	FTCD <sup>*</sup> e wit	1-TR20	oo-MU appli	150 cable	harm		0 I technic : System		ecifica	tion:	
Build anufa (S) - Ita on of (	lings <b>cture</b> aly <b>const</b>	r:: ancy	of pe	erform	iance								ecifica	tion:	
Build anufa (S) - Ita on of (	lings <b>cture</b> aly <b>const</b>	r:: ancy	of pe	erform	iance								ecifica	tion:	
Build anufa (S) - Ita on of (	lings <b>cture</b> aly <b>const</b>	r:: ancy	of pe	erform	iance								ecifica	tion:	
Build anufa (S) - Ita on of (	lings <b>cture</b> aly <b>const</b>	r:: ancy	of pe	erform	iance								ecifica	tion:	
anufa S) - Ita on of o	cture aly const	ancy				ofth	e con	struct	tion p	roduct	: System	3			
S) - Ita on of o	aly <b>const</b>	ancy				of th	e con	struct	tion p	roduct	: System	3			
on of o	const					of th	e con	struct	tion p	roduct	: System	3			
on of o	const					of th	e con	struct	tion p	roduct	: System	3			
						or the	e con	struct	lion p	rouuci	. System	5			
		uy. I	100 (1	1751											
											Symbo	I	Perfor	manc	e
			7. Essential characteristics (EN 13164) Dimensional tolerances										1		
	Compressive strength										CS(10\Y)		a) 300 b) 250	(≥ 300 (≥ 250	,
Tensile strength perpendicular to faces											TR		200	(≥ 200	0 kPa
Reaction to fire											Euroclas	uroclass E			
Continuous glowing combustion											NPD				
									NPD						
Long term water absorption by total immersion									WL(T)		0,7	(≤0,7	vol.%		
Long term water absorption by diffusion											WD(V)		a) 3 b) 5	(≤ 3 v (≤ 5 v	
Water vapor diffusion resistance factor											MU		150		
Compressive creep											CC (2/1,5	/50)	a) 120 b) NPD		
reactior	n to fire	e perfo	ormand	e of XP	S does	not ch	ange w	ith tim	e						
Thermal resistance and thermal conductivity													and $\lambda_{D}$		
Freeze-thaw resistance after long term water diffusion test												FTCD		1 (≤ 1 vol.	
Freeze/thaw resistance after long term water absorption by total immersion											FTCI		NPD		
Dimensional stability under specified temperature and humidity conditions													(70,90)	(≤	≤ 5 %)
Deformation under specified compressive load and temperature conditions											DLT		(2)5 (≤5%		≤5%
40	50	60	70	80	90	100	120	140	160	180 2	200 220	240	260	280	300
1,20	1,45	1,75	1,95	2,25	2,50	2,80	3,35	3,85	4,40	5,00 5	5,55 6,10	6,65	5 7,20	7,75	8,30
33	0,03	34							0,0	36					
	term v er vapo pressiv reaction ze-thav ensiona rmatio 40 1,20	term water a er vapor diffus pressive creep reaction to fir ze-thaw resist ensional stabil rmation unde 40 50 1,20 1,45	term water absorpt er vapor diffusion re pressive creep reaction to fire perfor ze-thaw resistance a ze/thaw resistance a ensional stability und rmation under spect 40 50 60 1,20 1,45 1,75	term water absorption by er vapor diffusion resistance pressive creep reaction to fire performance ze-thaw resistance after lo ze/thaw resistance after lo ensional stability under specified co 40 50 60 70 1,20 1,45 1,75 1,95	term water absorption by diffusion er vapor diffusion resistance facto pressive creep reaction to fire performance of XP ze-thaw resistance after long term ze/thaw resistance after long term ensional stability under specified t rmation under specified compress 40 50 60 70 80 1,20 1,45 1,75 1,95 2,25	term water absorption by diffusion er vapor diffusion resistance factor pressive creep reaction to fire performance of XPS does ze-thaw resistance after long term water ze/thaw resistance after long term water ensional stability under specified tempera- rmation under specified compressive loa 40 50 60 70 80 90 1,20 1,45 1,75 1,95 2,25 2,50	term water absorption by diffusion er vapor diffusion resistance factor pressive creep reaction to fire performance of XPS does not ch ze-thaw resistance after long term water diffusi ze/thaw resistance after long term water absor ensional stability under specified temperature a rmation under specified compressive load and a 40 50 60 70 80 90 100 1,20 1,45 1,75 1,95 2,25 2,50 2,80	term water absorption by diffusion er vapor diffusion resistance factor pressive creep reaction to fire performance of XPS does not change w ze-thaw resistance after long term water diffusion test ze/thaw resistance after long term water absorption b ensional stability under specified temperature and hun rmation under specified compressive load and temper 40 50 60 70 80 90 100 120 1,20 1,45 1,75 1,95 2,25 2,50 2,80 3,35	term water absorption by diffusion er vapor diffusion resistance factor pressive creep reaction to fire performance of XPS does not change with time ze-thaw resistance after long term water diffusion test ze/thaw resistance after long term water absorption by total ensional stability under specified temperature and humidity of rmation under specified compressive load and temperature of 40 50 60 70 80 90 100 120 140 1,20 1,45 1,75 1,95 2,25 2,50 2,80 3,35 3,85	term water absorption by diffusion er vapor diffusion resistance factor pressive creep reaction to fire performance of XPS does not change with time ze-thaw resistance after long term water diffusion test ze/thaw resistance after long term water absorption by total immer ensional stability under specified temperature and humidity condition rmation under specified compressive load and temperature condition 40 50 60 70 80 90 100 120 140 160 1,20 1,45 1,75 1,95 2,25 2,50 2,80 3,35 3,85 4,40	term water absorption by diffusion er vapor diffusion resistance factor pressive creep reaction to fire performance of XPS does not change with time ze-thaw resistance after long term water diffusion test ze/thaw resistance after long term water absorption by total immersion ensional stability under specified temperature and humidity conditions rmation under specified compressive load and temperature conditions 40 50 60 70 80 90 100 120 140 160 180 3 1,20 1,45 1,75 1,95 2,25 2,50 2,80 3,35 3,85 4,40 5,00 9	Euroclas         kerr       water absorption by total immersion       WL(T)         term water absorption by diffusion       WD(V)         term water absorption by diffusion       WD(V)         er vapor diffusion resistance factor       MU         pressive creep       CC (2/1,5)         reaction to fir performance of XPS does not change with time       See under time         ze-thaw resistance after long term water diffusion test       FTCD         ze-thaw resistance after long term water absorption by total immersion       FTCL         ensional stability under specified temperature and humidity conditions       DS         rmation under specified compressive load and temperature conditions       DLT         40       50       60       70       80       90       100       120       140       160       180       20       220         1,20       1,45       1,75       1,95       2,25       2,80       3,35       3,85       4,40       5,00       5,55       6,10	Euroclass       Ruroclass         NPD       NPD         term water absorption by total immersion       WL(T)         term water absorption by diffusion resistance factor       WD(V)         er vapor diffusion resistance factor       CC (2/1,5/50)         pressive creep       CC (2/1,5/50)         reaction to fire performance of XPS does not change with time       See under Ro a         reaction to fire performance after long term water diffusion test       FTCD         term value resistance after long term water absorption by total immersion       FTCL         term value resistance after long term water absorption by total immersion       FTCL         term resistance after long term water absorption by total immersion       DS         term resistance after long term water absorption by total immersion       DIT         term resistance after long term water absorption by total immersion       DIT         termation under specified compressive load and temperature conditions       DLT         40       50       60       70       80       90       100       120       140       160       180       200       220       240         1,20       1,45       1,75       1,95       2,25       2,50       2,80       3,35       3,85       4,40       5,00       5,55       6	Image: Second Secon	Euroclass       E         Euroclass       E         Euroclass       E         NPD         VUL(T)       0,7       ( $\leq 0,7$ )         term water absorption by total immersion       WU(T)       a) 3       ( $\leq 0,7$ )         term water absorption by diffusion       WU(V)       a) 3       ( $\leq 0,7$ )         term water absorption by diffusion       WU(V)       a) 3       ( $\leq 0,7$ )         or any or diffusion resistance factor       MU       150         see under R <sub>0</sub> a) 120       a) 120       a) 120       b) NPD         reaction to fire performance of XPS does not change with time       See under R <sub>0</sub> a) $120$ b) TCI       NPD         see under R <sub>0</sub> and $120$ See under R <sub>0</sub> and $120$ b) PD         see under R <sub>0</sub> and $120$ See under R <sub>0</sub>

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

8. Signed for and on behalf of the manufacturer by

Claudio Marconi

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General Director 01/08/2015

