

DECLARATION OF PERFORMANCE

DoP STARTPLEX

1. Identification code :
STARTPLEX
2. Intended use :
For external use as a structural component : EN 636-3 S
3. Manufacturer :
JOUBERT Les Eliots - rue des Epinées - Les Eliots - 16170 Auge Saint-Médard - France and
JOUBERT Saint-Jean d'Angély - rue Lafaurie - 17400 Saint-Jean d'Angély - France
5. Systems of Assessment and Verification of Constancy of Performance :
AVCP System 2+
6. Harmonised Standard :
EN 13986:2004 + A1:2015
Notified body :
FCBA 0380 performed the initial inspection of the manufacturing plants and of factory production controls and the continuous surveillance, assessment and evaluation of factory production controls and issued the certificates of conformity of factory production controls 0380-CPR-443 and 0380-CPR-483.
7. Declared performance :
Harmonised technical specification EN 13986:2004 + A1:2015

<u>Essential characteristics</u>	<u>Performance</u>			
Bonding quality	Class 3 (EN 636-3)			
Release of formaldehyde	E1			
Reaction to fire	End use condition	Minimum thickness	Class (excluding floorings)	Class floorings
	without an air gap behind the panel	9 mm	D-s2, d0	D _{fi} -s1
	with a closed or an open air gap not more than 22 mm behind the panel	9 mm	D-s2, d2	-
	with a closed air gap behind the panel	15 mm	D-s2, d1	D _{fi} -s1
	with an open air gap behind the panel	18 mm	D-s2, d0	D _{fi} -s1
	any	3 mm	E	E _{fi}
Water vapour permeability	Wet cup : $\mu = 65$ - Dry cup : $\mu = 188$			
Airborne sound insulation	NPD			
Sound absorption	250 Hz-500 Hz $\alpha = 0,10$ 1000 Hz-2000 Hz $\alpha = 0,30$			

<u>Essential characteristics</u>	<u>Performance</u>
Thermal conductivity	$\lambda = 0,12 \text{ W/(m.K)}$
Air permeability	$0,0 \text{ m}^3/(\text{h/m}^2)$
Release of pentachlorophenol	$\text{PCP} \leq 5 \text{ ppm}$
Mechanical durability	k_{mod} and k_{def} according to EN 1995-1-1
Biological durability	Use Class 3
Impact resistance	NPD
Racking resistance	NPD
Embedment strenght	NPD
Shear Properties	$f_v = 3,5 \text{ N/mm}^2$ $f_r = 0,6 \text{ N/mm}^2$ $G_v = 310 \text{ N/mm}^2$ $G_r = 16 \text{ N/mm}^2$

	8 mm	10 mm	12 mm	15 mm	18 mm	22 mm
Characteristic Class for Strenght in bending, tension and compression	F20/15	F20/20	F20/20	F15/20	F15/20	F10/15
Characteristic Class for Stiffnes in bending and tension-compression	E30/25	E40/35	E40/35	E35/35	E35/40	E25/20

8. 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, in accordance with Regulation (EU) N° 305/2011, under the sole responsibility of the manufacturers identified in point 4.

Signed for and on behalf of the manufacturers by Thierry JOUBERT, Manager of the Board of Directors Auge Saint-Médard, on the 18th of September 2018

Thierry JOUBERT