Hydro Extrusion Lucé/Châteauroux

Site de Lucé 42 rue de la Beauce 28112 LUCE Site de Châteauroux av P de Coubertin 36000 Châteauroux France



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	If the declaratio		System(s) for assessment and verification of constancy of performance of the construction product in compliance with Annex V:					System 2+					
	If the declaration of performance concerns a construction product that is covered by a harmonized standard:				The notified body (Karlsruhe Institute of Technology no. 0769) performed the initial inspection of the manufacturing plant and of factory production control, as well as continuous surveillance, assessment and evaluation of factory production control in compliance with System 2+ and issue certification 0769-CPR-VAS-00713-1 confirming conformity of the factory production control with the requirements set out in Annex ZA of EN 15088:2005								
	If the declaration of performance concerns a construction product for which a European Technical Assessment was issued: Not applicable												
	Performance declared: Essential characteristics Performance declared:		Perform	Performance									
	Dimensional and shape tolerances In compliance		liance wit	with standard						EN 755-9			
	Mechanical characteristics		In compliance with standard										
	Flat profiles												
	Wall thickness t (mm)		Tensile strength R _m [MPa] min. max.		Yield strength R _{p0.2} [MPa] min. max.		Elongation A [%]	Elongation A _{50mm} [%]		HBW typical value			
		≤ 5	290	NPD	250	NPD	8	6		95]		
		5 ≤ t ≤ 25	310	NPD	260	NPD	10	8		95	EN 755-2		
	Hollo	w profiles Wall thickness t (mm)	Tensile strength R _m [MPa]		Yield strength R _{p0.2} [MPa]		Elongation A [%]	Elongation A _{50mm} [%]		HBW typical value			
		≤ 5	min.	Max.	min.	Max. NPD	min. 8	min 6		90	-		
			270		230					105.050	4		
-	Weldability	5 ≤ t ≤ 25	310	NPD	260	NPD	10 lass I	8		95	EN 1999-1		
1	Bendability				B3								
1	Fatigue strength				NPD						EN 1999-1		
	Wear resistant		Table 3.1a										
		Elements	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn			
	Chemical composition	min	0.7	0.5	0.10	0.4	0.6	0.25	-	0.20			
	Composition	Elements	1.3 Ti	0.5 Ga	0.10 V	Other (each)	1.2 Other (total)	0.25 Al	R	0.20 Remark	EN 573-3		
		min max	0.10	-	-	0.05	0.15	Rest					

Signed for and on behalf of the manufacturer by:

Name and function:

Yann Lamotte (Quality manager)

Place, date, signature:

Chateauroux, 08/02/2019

number 9. Only the manufacturer under 4 is responsible for preparing this declaration of performance.

