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## **Declaration of Performance - Venta 120**

System of assesment EN 12326-1:2015							
Number of this commercial document	19/005	Date of issue	02/04/2019				
Commercial document issued by: JRC Roofing Distributors Ltd; Lancashire (United Kingdom)							
Location of the mine or quarry: Ourense (Spain)							

This document records the conformity of the product described below and is incomplete without the explanation of the meaning of the test results and the requirements of EN 12326-1:2015. The tests referred to and the criteria are contained in EN12326-1:2014 and EN 12326-2:2012.

Relation between bedding and cleavage 1) Dimensional tolerances Format Rectangle slate various sizes C Deviation from declared length Somm C Deviation from declared width Several form squareness Slate type for deviation from flatness C S Smm	Date of Sampling: 22/02/2019	r Sampling: 22/02/2019				Date of testing: 20/03/2019			
Relation between bedding and cleavage  Format  Rectangle slate various sizes  C  Deviation from declared length  Sering  C  Deviation from declared length  Sering  C  Deviation from declared width  Sering  C  Deviation from squareness  Sering  C  Deviation from squareness  Sering  C  Slate type for deviation from flatness  Deviation from flatness  Very flat  Flat  Normal  Non-flat  Special  Deviation from flatness  Very flat  Flat  Normal  Non-flat  Special  Special  Deviation from flatness  Very flat  Flat  Normal  Non-flat  Special  Special  Normal thickness and variation of individual thickness  3) Strength  Characteristic MoR  Transverse 56,9 (N,mm2)  Mean modulus of rupture values, transverse and longitudinal, before and after the freeze/thaw test (if W1(>0,6), or not required  6) Thermal cycle test  Code V1(<0,6), W1 (>0,6), or W2  Q, 26%  W1  Mean modulus of rupture values, transverse and longitudinal, before and after the freeze/thaw test (if W1(>0,6), or not required  6) Thermal cycle test  Code T1 T2 or T3  T1  7) Apparent calcium carbonate content  Solf Economate  20% apparent calcium carbonate  20% apparent calcium carbonate  20% apparent calcium carbonate  20% apparent calcium carbonate  Depth of softening mm  C  Code S1,S2 or S3  S1  S1  S1  S1  Reaction to fire  Deemed to satisfy class B ROOF  C  C  C C  C SILE CONNOR C SILE CONNOR C STRING C SILE CONNOR C STRING C STRIN	Product description and commercial name	Intended L							
Format Permat Rectangle slate various sizes C Deviation from declared length Semm C Deviation from declared width Semm C Deviation from squareness Seven C Deviation from squareness Seven C Deviation from squareness Seven C Deviation from straightness of edges Somm C Slate type for deviation from flatness Deviation from flatness Several Deviation from straightness of edges Somm C Slate type for deviation from flatness Several Deviation from flatness Several Deviation from straightness of edges Somm C Slate type for deviation from flatness Special Deviation from flatness Special Specia	Relation between bedding and cleavage								
Deviation from declared length	1) Dimensional tolerances								
Deviation from declared width	Format		С						
Deviation from squareness	Deviation from declared length		С						
Deviation from straightness of edges Slate type for deviation from flatness Very flat Slate type for deviation from flatness Very flat Special Deviation from flatness Very flat Special Deviation from flatness Very flat Special Special Special Non-flat Special Special Non-flat Special Special Special Special Special Value flat Non-flat Special Value flat Non-flat Special Value flat Non-flat Special Speci	Deviation from declared width		С						
Second   S	Deviation from squareness		С						
Deviation from flatness	Deviation from straightness of edges		С						
Nominal thickness and variation of individual thickness against nominal thickness   Smm   25%	Slate type for deviation from flatness	Very flat	Flat	Normal	Non-flat	Special			
Nominal thickness and variation of individual thickness against nominal thickness  3] Strength  Characteristic MoR  Characteristic MoR  Transverse 56,9 (N,mm2)  Mean modulus of rupture values, transverse and longitudinal, before and after the freeze/thaw test (if W1(>0,6), or not required  6] Thermal cycle test  Code T1T2 or T3  T1  7] Apparent calcium carbonate content  20% apparent calcium carbonate exposure test  Sulfur dioxide exposure test  Depth of softening mm  20% apparent calcium carbonate content  Depth of softening mm  Depth of softening mm  Depth of softening mm  Depth of softening mm  Sulfur dioxide exposure  None in conditions of use as roofing or external cladding control to the satisfy class A1  Code S1,S2 or S3  S1  Code S1,S2 or S3  Code S1,S2 or S3  Code S1,S2 or	Deviation from flatness			Х					
Nominal thickness and variation of individual thickness against nominal thickness  3) Strength  Characteristic MoR  4) Water absorption  Code W1(<0,6), W1 (>0,6), or W2 0,26% W1  Mean modulus of rupture values, transverse and longitudinal, before and after the freeze/thaw test (if W1(>0,6), or not required  6) Thermal cycle test  Code T1 T2 or T3  T1  7) Apparent calcium carbonate content  8) Sulfur dioxide exposure test  20% apparent calcium carbonate carbon content  20% apparent calcium carbonate carbon content  Depth of softening mm  9) Non carbonate carbon content  Depth of softening mm  10) External fire exposure  Deemed to satisfy class B ROOF  Carbonate  None in conditions of use as roofing or external cladding  Notified Body: Laboratorio Do Centro Techoloxico Da Pizarra  Notified Body number:  Signed:  Position:  ROSIE CONNOR 27th June 2019	2) Thickness								
Characteristic MoR  Transverse 56,9 (N,mm2) Longitudinal 60,8 (N,mm2)  Code W1(<0,6), W1 (>0,6), or W2									
A) Water absorption  Code W1(<0,6), W1 (>0,6), or W2  0,26%  W1  Mean modulus of rupture values, transverse and longitudinal, before and after the freeze/thaw test (if W1(>0,6), or not required  Code T1 T2 or T3  T1  7) Apparent calcium carbonate content  Substituting the freeze/thaw test (if W1(>0,6), or not required  Code T1 T2 or T3  T1  Code S1,S2 or S3  S1	3) Strength								
Mean modulus of rupture values, transverse and longitudinal, before and after the freeze/thaw test (if W1(>0,6), or not required  6) Thermal cycle test Code T1 T2 or T3 T1  7) Apparent calcium carbonate content Code S1,S2 or S3 S1  8) Sulfur dioxide exposure test  20% apparent calcium carbonate carbonate >20% apparent calcium carbonate content Depth of softening mm carbonate  9) Non carbonate carbon content Deemed to satisfy class B ROOF C 11) Reaction to fire Deemed to satisfy class A1 C 12) Release of dangerous substances None in conditions of use as roofing or external cladding Notified Body: Laboratorio Do Centro Techoloxico Da Pizarra Notified body number: Signed: Position: Director Director Director Director Director Date: ROSIE CONNOR 27th June 2019	Characteristic MoR	Transverse 50							
before and after the freeze/thaw test (if W1(>0,6), or not required  6) Thermal cycle test  Code T1 T2 or T3  T1  7) Apparent calcium carbonate content  8) Sulfur dioxide exposure test  Code S1,S2 or S3  S1  S1  S1  S1  S1  Depth of softening mm carbonate carbon content  Depth of softening mm carbonate  Position:  Deemed to satisfy class B ROOF  None in conditions of use as roofing or external cladding  Notified Body: Laboratorio Do Centro Techoloxico Da Pizarra  Director  Director  Director  Director  Date:  ROSIE CONNOR  27th June 2019	4) Water absorption	Code	W1						
7) Apparent calcium carbonate content  8) Sulfur dioxide exposure test  20% apparent calcium carbonate  Depth of softening mm  Code S1,S2 or S3  S1  Depth of softening mm  Code S1,S2 or S3  Code S1,S2 or S3  S1  Code S1,S2 or S3  Code S1,S2 or S1  Code	5) Freeze thaw	B							
Sulfur dioxide exposure test   Code S1,S2 or S3	6) Thermal cycle test		T1						
Code S1,S2 or S3   S1	7) Apparent calcium carbonate content								
September   Sept			nt calcium	Code S1,S2 or S3		S1			
10) External fire exposure  Deemed to satisfy class B ROOF  C  11) Reaction to fire  Deemed to satisfy class A1  C  12) Release of dangerous substances  None in conditions of use as roofing or external cladding  Notified Body: Laboratorio Do Centro Techoloxico Da Pizarra  Signed:  Position:  Director  Director  Director  Deemed to satisfy class B ROOF  C  Name:  Notified body number:  ROSIE CONNOR  27th June 2019	o/ Junur dioxide exposure test			Depth of softening mm					
11) Reaction to fire  Deemed to satisfy class A1  C  12) Release of dangerous substances  None in conditions of use as roofing or external cladding  Notified Body: Laboratorio Do Centro Techoloxico Da Pizarra  Signed:  Position:  Director  Director  Director  Deemed to satisfy class A1  C  None in conditions of use as roofing or external cladding  Notified body number:  ROSIE CONNOR  27th June 2019	9) Non carbonate carbon content								
None in conditions of use as roofing or external cladding Notified Body: Laboratorio Do Centro Techoloxico Da Pizarra  Notified body number:  Name: Position:  Name: Director  Name: Date:  27th June 2019	10) External fire exposure		С						
Notified Body: Laboratorio Do Centro Techoloxico Da Pizarra  Notified body number:  Signed: Position:  Name: Director  Name: Date: 27th June 2019	11) Reaction to fire					С			
Signed: Position:  Name: ROSIE CONNOR 27th June 2019	12) Release of dangerous substances	None in co	nditions of use a	s roofing or	external cladding				
Position: Director / Grand Date: 27th June 2019	Notified Body: Laboratorio Do Centro Techoloxico Da Pizarra			Notified body number:					
	Signed:	Director M. Conno		394 N #239-0000 A 000 O A 1 00		ROSIE CONNOR			
Place of signature: Burnley, Lancashire	Position:					27th June 2019			
	Place of signature:	Burnley, Lanca	ashire						