



PRODUCT TECHNICAL DATA SHEET

TECHNICAL DATA SHEET NO.: 13012101	DATE: 12.06.2008
MANUFACTURER: ECOPIEDRA, S.L	PRESENTATION: UNID.
CITY: LOECHES	



TYPE OF TILE	BALDOSA DE HORMIGÓN
CLASSIFICATION ACCORDING TO UNE EN 1339	1N 1A 3U 3 4I
DESIGNATION OF THE MODEL:	PAVIMENTO MEDALLÓN GRANDE.
MASS COLOURING:	MARRÓN.
THICKNESS:	430 X 385 mm
NOMINAL DIMENSIONS:	50 mm

TECHNICAL CHARACTERISTICS	TEST METHOD	VALUES GUARANTEED BY THE MANUFACTURER	TOLERANCE REQUIRED BY THE BRAND
---------------------------	-------------	---------------------------------------	---------------------------------

Appearance and colour.			
Changes in design colour.	Visual	Not accepted.	--
Changes in design appearance of the face.	Visual	Not accepted.	--
Surface finish	UNE EN 1339	Smooth	--

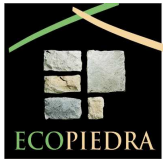
Dimensional requisites.			
Note: All dimensions are expressed in mm.			
Class	Marking	Nominal dimension	Tolerance
1	N	all	±5
			±5
			±3
Class	Marking	Diagonal	Max. dif.
1	J	≤ 850	5
2	K	≤ 850	3
3	L	≤ 850	2
Avail. Leng.	Max. Convex.	Max. Concav.	
400	2,0	1,5	
440	2,2	1,5	
500	2,5	1,5	

Physical Characteristics.			
Class	Marking	Water Abs.	
1	A	Not measured	

Mechanical characteristics.			
Class	Marking	Characteristic flexion	Min. flexion
3	U	5,0	4,0
Class	Marking	Characteristic breaking load	Min. breaking load
30	3	3,0	2,4
Class	Marking	Appendix G	
4	I	≤ 20	
Slipping/sliding resistance	UNE EN 1339	82	USRV > 45

Thermal conductivity	UNE EN 13369	--	--
Fire resistance	EN ISO 1716:02 EN ISO 1182:02	CLASS A1*	CLASS A1*

Quality Department



PRODUCT TECHNICAL DATA SHEET



TECHNICAL DATA SHEET NO.: 13012101	DATE: 12.06.2008
MANUFACTURER: ECOPIEDRA, S.L	PRESENTATION: UNID.
CITY: LOECHES	



TYPE OF TILE	BALDOSA DE HORMIGÓN
CLASSIFICATION ACCORDING TO UNE EN 1339	1N 1A 3U 3 4I
DESIGNATION OF THE MODEL:	PAVIMENTO MEDALLÓN MEDIANO.
MASS COLOURING:	MARRÓN.
THICKNESS:	415 X 400 mm
NOMINAL DIMENSIONS:	50 mm

TECHNICAL CHARACTERISTICS	TEST METHOD	VALUES GUARANTEED BY THE MANUFACTURER	TOLERANCE REQUIRED BY THE BRAND																
Appearance and colour.																			
Changes in design colour.	Visual	Not accepted.	--																
Changes in design appearance of the face.	Visual	Not accepted.	--																
Surface finish	UNE EN 1339	Smooth	--																
Dimensional requisites.																			
Note: All dimensions are expressed in mm.																			
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Class</th> <th>Marking</th> <th>Nominal dimension</th> <th>Tolerance</th> </tr> </thead> <tbody> <tr> <td rowspan="3" style="text-align: center;">1</td> <td rowspan="3" style="text-align: center;">N</td> <td rowspan="3" style="text-align: center;">all</td> <td style="text-align: center;">±5</td> </tr> <tr> <td style="text-align: center;">±5</td> </tr> <tr> <td style="text-align: center;">±3</td> </tr> </tbody> </table>	Class	Marking	Nominal dimension	Tolerance	1	N	all	±5	±5	±3						
Class	Marking	Nominal dimension	Tolerance																
1	N	all	±5																
			±5																
			±3																
Max. Average diameter=L	UNE EN 1339	415,0																	
Max. Average diameter=W	UNE EN 1339	400,0																	
Thickness	UNE EN 1339	50,0																	
Difference between diagonals	UNE EN 1339	No measurement of this characteristic	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Class</th> <th>Marking</th> <th>Diagonal</th> <th>Max. dif.</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">J</td> <td style="text-align: center;">≤ 850</td> <td style="text-align: center;">5</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">K</td> <td style="text-align: center;">≤ 850</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">L</td> <td style="text-align: center;">≤ 850</td> <td style="text-align: center;">2</td> </tr> </tbody> </table>	Class	Marking	Diagonal	Max. dif.	1	J	≤ 850	5	2	K	≤ 850	3	3	L	≤ 850	2
			Class	Marking	Diagonal	Max. dif.													
			1	J	≤ 850	5													
			2	K	≤ 850	3													
3	L	≤ 850	2																
Thickness of the double layer	UNE EN 1339	Single layer	--																
Flatness and curvature	UNE EN 1339	No measurement of this characteristic	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Avail. Leng.</th> <th>Max. Convex.</th> <th>Max. Concav.</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">400</td> <td style="text-align: center;">2,0</td> <td style="text-align: center;">1,5</td> </tr> <tr> <td style="text-align: center;">440</td> <td style="text-align: center;">2,2</td> <td style="text-align: center;">1,5</td> </tr> <tr> <td style="text-align: center;">500</td> <td style="text-align: center;">2,5</td> <td style="text-align: center;">1,5</td> </tr> </tbody> </table>	Avail. Leng.	Max. Convex.	Max. Concav.	400	2,0	1,5	440	2,2	1,5	500	2,5	1,5				
			Avail. Leng.	Max. Convex.	Max. Concav.														
			400	2,0	1,5														
440	2,2	1,5																	
500	2,5	1,5																	
Bevel	UNE EN 1339	No measurement of this characteristic	--																
Physical Characteristics.																			
Total water absorption. (%)	UNE EN 1339	9,6	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Class</th> <th>Marking</th> <th>Water Abs.</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">A</td> <td style="text-align: center;">Not measured</td> </tr> </tbody> </table>	Class	Marking	Water Abs.	1	A	Not measured										
			Class	Marking	Water Abs.														
1	A	Not measured																	
Mechanical characteristics.																			
Flexural strength (MPa)	UNE EN 1339	4,4	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Class</th> <th>Marking</th> <th>Characteristic flexion</th> <th>Min. flexion</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">U</td> <td style="text-align: center;">5,0</td> <td style="text-align: center;">4,0</td> </tr> </tbody> </table>	Class	Marking	Characteristic flexion	Min. flexion	3	U	5,0	4,0								
			Class	Marking	Characteristic flexion	Min. flexion													
3	U	5,0	4,0																
Breaking load (kN)	UNE EN 1339	2,7	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Class</th> <th>Marking</th> <th>Characteristic breaking load</th> <th>Min. breaking load</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">30</td> <td style="text-align: center;">3</td> <td style="text-align: center;">3,0</td> <td style="text-align: center;">2,4</td> </tr> </tbody> </table>	Class	Marking	Characteristic breaking load	Min. breaking load	30	3	3,0	2,4								
			Class	Marking	Characteristic breaking load	Min. breaking load													
30	3	3,0	2,4																
Wear resistance due to abrasion (mm)	UNE EN 1339	18,5	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Class</th> <th>Marking</th> <th>Appendix G</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">I</td> <td style="text-align: center;">≤ 20</td> </tr> </tbody> </table>	Class	Marking	Appendix G	4	I	≤ 20										
			Class	Marking	Appendix G														
4	I	≤ 20																	
Slipping/sliding resistance	UNE EN 1339	82	USRV > 45																
Thermal conductivity	UNE EN 13369	--	--																
Fire resistance	EN ISO 1716:02 EN ISO 1182:02	CLASS A1*	CLASS A1*																

Quality Department



PRODUCT TECHNICAL DATA SHEET

TECHNICAL DATA SHEET NO.: 13012101	DATE: 12.06.2008
MANUFACTURER: ECOPIEDRA, S.L	PRESENTATION: UNID.
CITY: LOECHES	



TYPE OF TILE	BALDOSA DE HORMIGÓN
CLASSIFICATION ACCORDING TO UNE EN 1339	1N 1A 3U 3 4I
DESIGNATION OF THE MODEL:	PAVIMENTO MEDALLÓN PEQUEÑO.
MASS COLOURING:	MARRÓN.
THICKNESS:	375 X 360 mm
NOMINAL DIMENSIONS:	50 mm

TECHNICAL CHARACTERISTICS	TEST METHOD	VALUES GUARANTEED BY THE MANUFACTURER	TOLERANCE REQUIRED BY THE BRAND
Appearance and colour.			
Changes in design colour.	Visual	Not accepted.	--
Changes in design appearance of the face.	Visual	Not accepted.	--
Surface finish	UNE EN 1339	Smooth	--

Dimensional requisites.																			
Note: All dimensions are expressed in mm.																			
	TEST METHOD	VALUES GUARANTEED BY THE MANUFACTURER	TOLERANCE REQUIRED BY THE BRAND																
Max. Average diameter=L	UNE EN 1339	375,0	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Class</th> <th>Marking</th> <th>Nominal dimension</th> <th>Tolerance</th> </tr> </thead> <tbody> <tr> <td rowspan="3">1</td> <td rowspan="3">N</td> <td>all</td> <td>±5</td> </tr> <tr> <td></td> <td>±5</td> </tr> <tr> <td></td> <td>±3</td> </tr> </tbody> </table>	Class	Marking	Nominal dimension	Tolerance	1	N	all	±5		±5		±3				
Class	Marking	Nominal dimension		Tolerance															
1	N	all		±5															
			±5																
			±3																
Max. Average diameter=W	UNE EN 1339	360,0																	
Thickness	UNE EN 1339	50,0																	
Difference between diagonals	UNE EN 1339	No measurement of this characteristic	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Class</th> <th>Marking</th> <th>Diagonal</th> <th>Max. dif.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>J</td> <td>≤ 850</td> <td>5</td> </tr> <tr> <td>2</td> <td>K</td> <td>≤ 850</td> <td>3</td> </tr> <tr> <td>3</td> <td>L</td> <td>≤ 850</td> <td>2</td> </tr> </tbody> </table>	Class	Marking	Diagonal	Max. dif.	1	J	≤ 850	5	2	K	≤ 850	3	3	L	≤ 850	2
Class	Marking	Diagonal	Max. dif.																
1	J	≤ 850	5																
2	K	≤ 850	3																
3	L	≤ 850	2																
Thickness of the double layer	UNE EN 1339	Single layer	--																
Flatness and curvature	UNE EN 1339	No measurement of this characteristic	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Avail. Leng.</th> <th>Max. Convex.</th> <th>Max. Concav.</th> </tr> </thead> <tbody> <tr> <td>400</td> <td>2,0</td> <td>1,5</td> </tr> <tr> <td>440</td> <td>2,2</td> <td>1,5</td> </tr> <tr> <td>500</td> <td>2,5</td> <td>1,5</td> </tr> </tbody> </table>	Avail. Leng.	Max. Convex.	Max. Concav.	400	2,0	1,5	440	2,2	1,5	500	2,5	1,5				
Avail. Leng.	Max. Convex.	Max. Concav.																	
400	2,0	1,5																	
440	2,2	1,5																	
500	2,5	1,5																	
Bevel	UNE EN 1339	No measurement of this characteristic	--																

Physical Characteristics.									
	TEST METHOD	VALUES GUARANTEED BY THE MANUFACTURER	TOLERANCE REQUIRED BY THE BRAND						
Total water absorption. (%)	UNE EN 1339	9,5	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Class</th> <th>Marking</th> <th>Water Abs.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>Not measured</td> </tr> </tbody> </table>	Class	Marking	Water Abs.	1	A	Not measured
Class	Marking	Water Abs.							
1	A	Not measured							

Mechanical characteristics.											
	TEST METHOD	VALUES GUARANTEED BY THE MANUFACTURER	TOLERANCE REQUIRED BY THE BRAND								
Flexural strength (MPa)	UNE EN 1339	4,9	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Class</th> <th>Marking</th> <th>Characteristic flexion</th> <th>Min. flexion</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>U</td> <td>5,0</td> <td>4,0</td> </tr> </tbody> </table>	Class	Marking	Characteristic flexion	Min. flexion	3	U	5,0	4,0
Class	Marking	Characteristic flexion	Min. flexion								
3	U	5,0	4,0								
Breaking load (kN)	UNE EN 1339	2,9	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Class</th> <th>Marking</th> <th>Characteristic breaking load</th> <th>Min. breaking load</th> </tr> </thead> <tbody> <tr> <td>30</td> <td>3</td> <td>3,0</td> <td>2,4</td> </tr> </tbody> </table>	Class	Marking	Characteristic breaking load	Min. breaking load	30	3	3,0	2,4
Class	Marking	Characteristic breaking load	Min. breaking load								
30	3	3,0	2,4								
Wear resistance due to abrasion (mm)	UNE EN 1339	18,5	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Class</th> <th>Marking</th> <th>Appendix G</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>I</td> <td>≤ 20</td> </tr> </tbody> </table>	Class	Marking	Appendix G	4	I	≤ 20		
Class	Marking	Appendix G									
4	I	≤ 20									
Slipping/sliding resistance	UNE EN 1339	82	USRV > 45								

Thermal conductivity	UNE EN 13369	--	--
Fire resistance	EN ISO 1716:02 EN ISO 1182:02	CLASS A1*	CLASS A1*

Quality Department