



PRODUCT DATASHEET

PLATA C® Decking connector

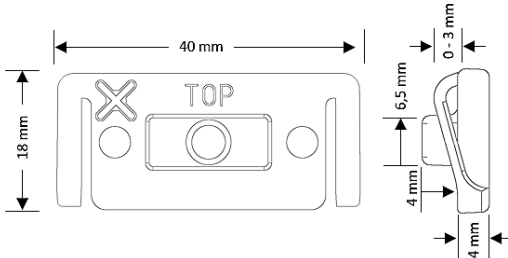
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FIXINGGROUP GmbH
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1. Unique identification code of the product type	PLATA C DECKING CONNECTOR
2. Label for identification of the product	Type description: See product packaging
3. Intended purpose of use	Decking connector for side grooved boards
4. Manufacturer	FIXINGGROUP GmbH
5. Test method for evaluating and monitoring performance	Tensile and shearing tests Determination of limit values and deformation behaviour Outdoor test area Thermally, chemically, and technically modified wood species, WPC, MPC, BPC
6. Harmonized standard - CE declaration of conformity mark	Not subject to declaration of conformity
7. Declared performance	According to the tables below

General information	
1.1. Fastening type	Sliding point- sliding point This type of function is only suitable for decking boards with very high dimensional stability. Swelling and shrinking movements can be compensated for up to 2.0 mm per board.
1.2 Material	- PP Polypropylen black UV and weather resistant - System screw UNIA Ø 4,8 mm - Revert to datasheet UNIA

1.3 Decking connector Dimensions	
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FOR INTERNAL USE ONLY

All information is based on our current knowledge and experience - no guarantee can be derived from our information.

The suitability of the product for a specific application can only be guaranteed by our own tests and trials. The installation is according to the manufacturer's specifications, tips and tricks, installation instructions, technical rules, guidelines and country-specific regulations. If necessary, the compatibility of the decking connectors with the decking boards must be checked with the board manufacturer/supplier. The correct processing and installation of our products is beyond our control and therefore not our responsibility. We reserve the right to make errors, changes to the product range and technical modifications.



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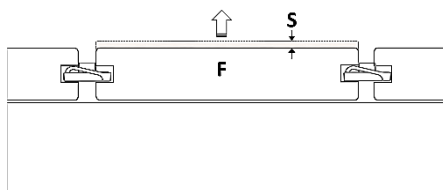
PLATA C® Decking connector

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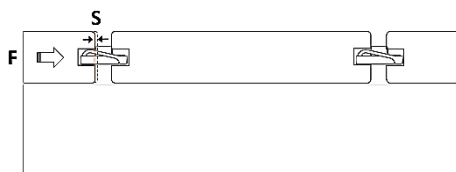


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7. Performance

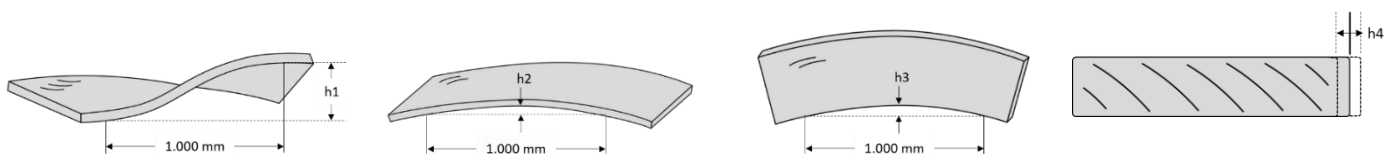


PLATA C Tensile Values		Substructure - RELO N		Substructure - RELO W		Substructure - Softwood	
F Force [kN] S Def. [mm]		F	S	F	S	F	S
Decking test sample Thermo-Pine	TEST 1	0,86	0,8	0,96	0,9	1,01	0,7
	TEST 2	0,93	0,7	0,88	0,8	0,90	0,7
	TEST 3	0,92	0,8	0,89	0,7	0,98	0,9
	Mean Value	0,90	0,8	0,91	0,8	0,96	0,8
	Minimum	0,86	0,7	0,88	0,7	0,90	0,7
	Maximum	0,93	0,8	0,96	0,9	1,01	0,9
max. load_Breakage of side groove							



PLATA C Shearing Values		Substructure - RELO N		Substructure - RELO W		Substructure - Softwood	
F Force [kN] S Def. [mm]		F	S	F	S	F	S
Decking test sample Thermo-Pine	TEST 1	0,98	2,0	1,39	2,0	1,62	2,0
	TEST 2	1,03	2,0	1,25	2,0	1,61	2,0
	TEST 3	1,05	2,0	1,32	2,0	1,09	2,0
	Mean Value	1,02	2,0	1,32	2,0	1,44	2,0
	Minimum	0,98	2,0	1,25	2,0	1,09	2,0
	Maximum	1,05	2,0	1,39	2,0	1,62	2,0
max. load_Deformation of the board and system screw							

7.1 Performance - requirements for decking in special import hardwoods



1. Twisting h1	Board width ≤ 100 mm h1 = max. 1,0 mm per 1.000 mm
	Board width ≤ 125 mm h1 = max. 1,25 mm per 1.000 mm
	Board width ≤ 145 mm h1 = max. 1,45 mm per 1.000 mm
2. Longitudinal bowing in the direction of the thickness h2	h2 = max. 2,0 mm per 1.000 mm
3. Longitudinal crook in the direction of the width h3	h3 = max. 2,0 mm per 1.000 mm
4. Swelling and shrinking allowance h4	h4 = max. + 2 mm / - 2,0 mm per Board width

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