KLIMAS Sp. z o.o. ul. W. Witosa 135/137
Kuźnica Kiedrzyńska 42-233 Mykanów
tel. +48 34 377 71 00, fax. +48 34 328 01 73 Infolinia: 801 477 477, www.wkret-met.com

PRODUCT DATA SHEET – WSPCV-R/WSPCV

Section 1. PRODUCT DESCRIPTION

SELF-DRILLING SCREW WITH/WITHOUT RIBS FOR FITTINGS AND STEEL REINFORCEMENT – WSPCV-R/WSPCV

Screws WSPCV-R/WSPCV for fixing PVC window profiles to steel reinforcement elements up to 1 mm thick. They are made of carbon steel with zinc plating ≥ 8 µm thick. Zinc plating ensures high corrosion protection which is not subject to damage when in use. Screws have countersunk head with PH drive which ensures flush fitting of the screw in the installed member and special thread and sharp self-drilling point which ensures easier and faster screw installation in steel. Screws WSPCV-R have special ribs under the head which prevent their turning when in use. Screws require no pre-drilling in PVC profiles and steel reinforcement.

POLSKI PRODUCENT

Zn BIAŁY

Zn ŻÓŁTY

*made to order



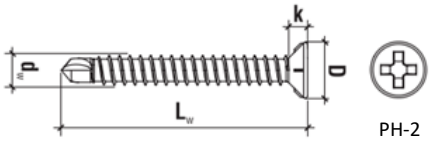
WSPCV-R WSPCV

Advantages:

- **high corrosion protection – zinc plating ≥ 8 µm thick**
- **PH drive with marking – exact size and good workmanship make it ideal for use with automatic screwdriving units**
- **countersunk head – ensures flush fitting of the screw in the installed member**
- **special ribs (WSPCV-R) – prevent screw turning when in use**
- **correct thread pitch – correct fixing of PVC to steel members**
- **sharp self-drilling point – ensures easier installation in steel**

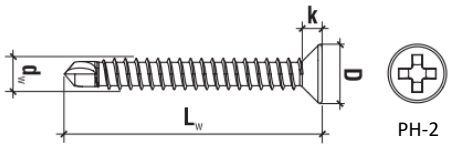
Self-drilling screws hold National Technical Assessment: ITB-KOT-2018/0703 Rev. 1

Section 2. TECHNICAL DATA



PH-2

WSPCV-R



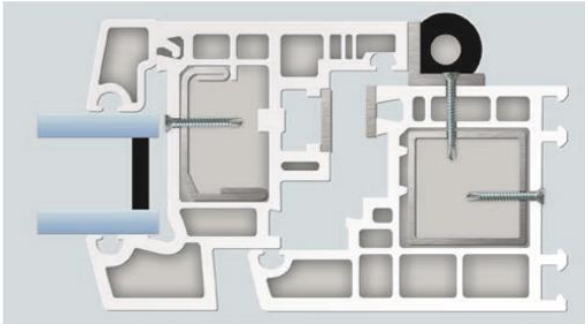
PH-2

WSPCV

TECHNICAL PARAMETERS				
Parameter	Unit	Value		
Screw diameter	d_w [mm]	3,9	4,0	4,2
Head diameter	D [mm]	7,5	7,5	7,5
Head height	k [mm]	3,0	3,0	3,0
Drive type	-	PH-2		
Screw material	-	carbon steel		
Corrosion protection	galvanized ≥ 8 µm	blue/yellow*		
Substrate material	steel	≥ S280GD		
National Technical Assessment	-	ITB-KOT-2018/0703 Rev. 1		

*on request and to order

INSTALLATION PARAMETERS		
Parameter	Unit	Value
Screw diameter	d_w [mm]	3,9/4,0/4,2
Screw anchorage depth	h_{eff} [mm]	push-through
Min. substrate thickness	h_{min} [mm]	0,50
Drilling capacity	Σt_i [mm]	≤ 1,0



All rights reserved The sheet may be disclosed only in the form as delivered. No part (contents such as text, graphics, logos, figures, pictures, and any other data) given in this document may be modified or published whatsoever in part, without prior authorisation. Any trademarks, graphic symbols, trade names, logos and other data are protected by copyright and are property of their owner. Created: 2016-01-20 Updated: 2019-11-07

RESISTANCE					
Screw characteristic pull-out resistance [kN]					
Screw type	Substrate thickness [mm]				
	0,50	0,63	0,75	0,88	1,00
WSPCV-R/WSPCV – 3,9	0,29	0,51	0,68	0,80	1,05
WSPCV-R/WSPCV – 4,0	0,33	0,60	0,83	1,07	1,55
WSPCV-R/WSPCV – 4,2	0,33	0,60	0,83	1,07	1,55

SELECTION TABLE			
Product designation		Screw dimensions	Number of pieces in a box
		d_w x L_w [mm]	[pcs]
WSPCV-R-B-39016*	WSPCV-B-39016	3,9 x 16	1000
WSPCV-R-B-39019*	WSPCV-B-39019	3,9 x 19	1000
WSPCV-R-B-39025*	WSPCV-B-39025	3,9 x 25	1000
WSPCV-R-B-39032*	WSPCV-B-39032	3,9 x 32	500
WSPCV-R-B-39040*	WSPCV-B-39040	3,9 x 40	500
WSPCV-R-B-40016*	WSPCV-B-40016*	4,0 x 16	1000
WSPCV-R-B-40019*	WSPCV-B-40019*	4,0 x 19	1000
WSPCV-R-B-40025*	WSPCV-B-40025*	4,0 x 25	1000
WSPCV-R-B-40032*	WSPCV-B-40032*	4,0 x 32	500
WSPCV-R-B-40040*	WSPCV-B-40040*	4,0 x 40	500
WSPCV-R-B-40060*	WSPCV-B-40060*	4,0 x 60	500
WSPCV-R-B-42016*	WSPCV-B-42016*	4,2 x 16	1000
WSPCV-R-B-42019*	WSPCV-B-42019*	4,2 x 19	1000
WSPCV-R-B-42025*	WSPCV-B-42025*	4,2 x 25	1000
WSPCV-R-B-42032*	WSPCV-B-42032*	4,2 x 32	500
WSPCV-R-B-42040*	WSPCV-B-42040*	4,2 x 40	500
WSPCV-R-B-42060*	WSPCV-B-42060*	4,2 x 60	500

*on request and to order

Section 3. REMARKS

1. All previous versions of this Product Data Sheet shall cease to be valid
2. Data given in this Product Data Sheet is in accordance with current knowledge and published in good faith. KLIMAS Sp. z o.o. is not responsible for correctness and quality of the fixing if recommendations regarding method of use and installation are not followed.

All rights reserved The sheet may be disclosed only in the form as delivered. No part (contents such as text, graphics, logos, figures, pictures, and any other data) given in this document may be modified or published whatsoever in part, without prior authorisation. Any trademarks, graphic symbols, trade names, logos and other data are protected by copyright and are property of their owner. Created: 2016-01-20 Updated: 2019-11-07