

blaugelb weldable corner connectors give doors **high flexural strength and torsional rigidity**.

blaugelb weldable corner connectors

Safety comes from connecting.

- Easy assembly without cost and time-intensive mitre cutting
- Optimum load transfer to the supporting frame
- High torsional rigidity and stability
- Machine tensioning possible

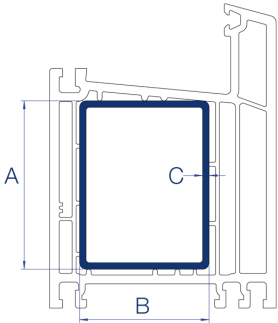
Product features:

blaugelb weldable corner connectors play a key role in extending the useful life of front doors made of plastic profiles. Using them as a connecting element in the reinforcement ensures the stability, torsional rigidity and corner strength of front doors made of plastic profiles. This produces a static supporting frame that is connected by means of the blaugelb weldable corner connectors in the reinforcement pipes in the profile. blaugelb weldable corner connectors consist of a basic body and a clamping element that can be tensioned easily and safely either by machine or by clamping lever.

Product benefits:

- Easy assembly
- Optimum load transfer to the supporting frame
- High torsional rigidity and stability
- Machine tensioning possible

Technical data:



The size of the blaugelb weldable corner connectors is always determined by the **outer dimensions of the steel pipe:**

Sizes A 60 mm / B 40 mm / C 2 mm

Opt. 1 blaugelb weldable corner connector Profi 60x40x2 mm

Opt. 2 blaugelb weldable corner connector Profi Plus 60x40x2 mm

Product name	PU	Item no.
blaugelb weldable corner connector PROFI PLUS 44.5x42x2 mm	5 sets = 40 pcs.	0416240
blaugelb weldable corner connector PROFI PLUS 44x44x2.5 mm	5 sets = 40 pcs.	0416241
blaugelb weldable corner connector PROFI PLUS 45x35x2 mm	5 sets = 40 pcs.	0416242
blaugelb weldable corner connector PROFI PLUS 45x45x2 mm	5 sets = 40 pcs.	0416243
blaugelb weldable corner connector PROFI PLUS 50x35x2.5 mm	5 sets = 40 pcs.	0416244
blaugelb weldable corner connector PROFI PLUS 50x40x2 mm	5 sets = 40 pcs.	0416245
blaugelb weldable corner connector PROFI PLUS 50x40x2.5 mm	5 sets = 40 pcs.	0416246
blaugelb weldable corner connector PROFI PLUS 50x40x3 mm	5 sets = 40 pcs.	0416247
blaugelb weldable corner connector PROFI PLUS 50x50x2 mm	5 sets = 40 pcs.	0416248
blaugelb weldable corner connector PROFI PLUS 51x42x2 mm	5 sets = 40 pcs.	0416249
blaugelb weldable corner connector PROFI PLUS 55x40x3 mm	5 sets = 40 pcs.	9049840
blaugelb weldable corner connector PROFI PLUS 55x45x2.5 mm	5 sets = 40 pcs.	0416250
blaugelb weldable corner connector PROFI PLUS 55x49x2.5 mm	5 sets = 40 pcs.	0420016
blaugelb weldable corner connector PROFI PLUS 60x40x2 mm	5 sets = 40 pcs.	0416251
blaugelb weldable corner connector PROFI PLUS 60x40x2.5 mm	5 sets = 40 pcs.	0416252
blaugelb weldable corner connector PROFI PLUS 60x45x2 mm	5 sets = 40 pcs.	0416253
blaugelb weldable corner connector PROFI PLUS 60x45x3 mm	5 sets = 40 pcs.	0416254
blaugelb weldable corner connector PROFI PLUS 60x46x2 mm	5 sets = 40 pcs.	0416255
blaugelb weldable corner connector PROFI PLUS 64x41.3x2 mm	5 sets = 40 pcs.	0416256
blaugelb weldable corner connector PROFI PLUS 65x45x2 mm	5 sets = 40 pcs.	0416257
blaugelb weldable corner connector PROFI PLUS 65x45x3 mm	5 sets = 40 pcs.	0416258
blaugelb weldable corner connector PREMIO 50x40x2 mm	5 sets = 40 pcs.	0416259

	PROFI PLUS	PREMIO
Material (basic body):	Ground stock of hard PVC panels	Hard PVC profile sections
Wall thickness:	3 - 5 mm	5 mm
Tab:	wide version	
Modulus of elasticity in tension: ISO 527-2	2200 MPa	2400 MPa
Vicat B/50N softening temperature: ISO 306	75 - 78°C	70 - 72°C
Shore hardness (D): DIN 53505	75 - 80	80 - 82
Tolerance range:	+/- 0.3 mm	
Impurity (with non-thermoplastic particles):	< 0.01 %	
Tensile strength: ISO 527-2	40 - 60 MPa	
Density: ISO 1183	1.40 - 1.50 g/cm³	
Processing temperature:	180 - 200°C	

The information provided in this document corresponds to the information and technical details available to the best of our knowledge. However, this does not constitute a guarantee pursuant to section 443 of the German Civil Code (BGB). Our processing instructions are to be considered only as general guidelines and may differ in the individual case due to the range of possible uses and applications. They do not therefore automatically exempt the user from carrying out their own tests. We reserve the right to make technical modifications and enhancements at any time.

		PROFI PLUS 44,5x42x2	PROFI PLUS 44x44x2,5	PROFI PLUS 45x35x2	PROFI PLUS 45x45x2	PROFI PLUS 50x35x2,5	PROFI PLUS 50x40x2	PROFI PLUS 50x40x2,5	PROFI PLUS 50x40x3	PROFI PLUS 50x50x2	PROFI PLUS 51x42x2	PROFI PLUS 55x40x3	PROFI PLUS 55x45x2,5	PROFI PLUS 55x49x2,5	PROFI PLUS 60x40x2	PROFI PLUS 60x40x2,5	PROFI PLUS 60x45x2	PROFI PLUS 60x45x3	PROFI PLUS 60x46x2	PROFI PLUS 64x41,3x2	PROFI PLUS 65x45x2	PROFI PLUS 65x45x3	PREMIO 50x40x2
Aluplast	Ideal 2000						■																■
	Ideal 4000									■													■
	Ideal 7000						■			■													■
Brüggmann	System MD						■																■
	System AD														■								
Deceuninck	Zendow 3000				■																		
	Zendow 5000					■																	
Gealan	7000 IQ																		■				
	8000 IQ																		■				
	S 9000	■																					
Inoutic	Prestige 6-K AD												■										
	Prestige 6-K MD												■										
	Haustür Elite												■										
	Haustür Arcade												■										
	Eforte												■	■									
KBE	System 88							■															■
	System 58 Haustüre AD							■															■
	System 70 Haustüre AD														■	■							
	System 76 AD				■											■	■						
	System 76 MD				■											■							
Kömmerling	Euro Future Elegance						■	■															■
	K-Vision							■															■
	Futur Classic MD							■															■
	Euro Futur Classic-Exclusive							■															■
	88+							■															■
	76 AD				■											■							
	76 MD				■											■							
Profialis	S2000		■																				
	S2500		■																				
	S3000 (Wymar)		■																				
	Performance				■																		
Rehau	S730 Thermo Design							■															■
	S735 Brillant Design							■															■
	S799							■															■
	Geneo							■															
	Euro Design 86 plus							■															
	Synego																	■					
Roplasto	System 6001														■								
	System 7001														■								
Salamander	2D						■		■														■
	bluEvolution							■									■						■
	3D									■													
	Streamline (SL 76)																■						
Schüco	Corona AS 60 AD							■															■
	Corona AS 60 MD							■															■
	Corona CT 70 AD									■													■
	Corona CT 70 MD									■													■
	Cava CT 70									■													■
	Living											■											
	SI 82							■		■													■
Trocal	Inno Nova 2000																				■		
	Inno Nova_70.A5																				■		
	Inno Nova_70.M5																				■		
	76 MD																■						
	76 AD																■						
Veka	Alphaline 90							■															■
	Softline 70 MD														■								
	Softline 82														■								
	Softline 70 AD																				■	■	

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