

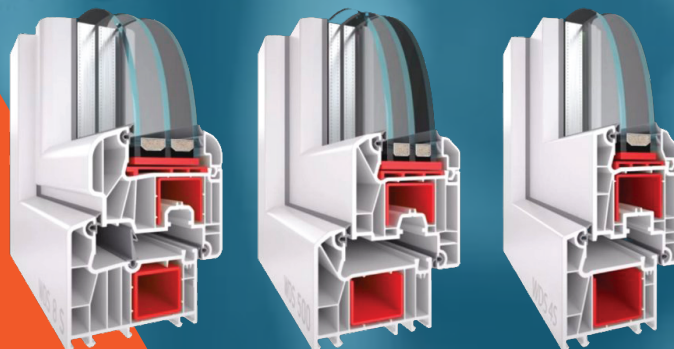
FORMING

Advantages of Forming DOOEL Reinforcement profiles:

- ✓ Easy and quick installation
- ✓ High measure and production accuracy thanks to automatisisation
- ✓ Meeting highest standards including all required European standards: EN 14195, EN 13964, EN 10162
- ✓ The best materials is used for producing according to EN 10346, steel sheet protected with an zinc layer Z-100-275 gr/m2
- ✓ Investor friendly by ordering wanted length of the profiles in the range of 500 mm -9000 mm, allowing for flexibility in design and installation
- ✓ Fire resistance profiles are A1 class

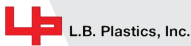


Metal Structures for Reinforcement for PVC systems



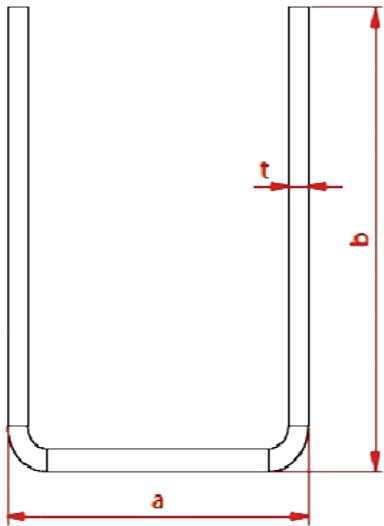
Product types:

The Forming product range for window reinforcements is for all PVC systems available on the market, including Aluplast, Decco, Gealan, Profine, Rehau, Salamander, Veka, Winhouse ets.



These reinforcements are engineered to withstand the rigors of demanding construction environments Their robust composition ensures long-term resilience, making them ideal for supporting structures such as windows, doors, and complex architectural frameworks. This product delivers superior structural strength, corrosion resistance, and longevity. Its use reduces maintenance requirements while boosting the durability of frameworks, making buildings more resilient in the long term. It should be employed whenever added strength, rigidity, and reliability are needed, especially in areas exposed to stress or frequent usage, such as windows, doors, and load-bearing assemblies. It is inserted within PVC profiles, primarily in windows and doors, to impart additional structural support and maintain shape integrity, especially in large or high-traffic installations.

Maximum - Minimum Profile Length (L)	Between 1000mm - 6000mm
Material Thickness (t)	Between 1mm - 2mm
Hole Options on Profile	Commonly No Hole or Mark on Profile
Material Types	Galvanized Sheet Metal (DX51D+Z 100)
Web Length (a)	Between 18mm to 60mm
Wall Length (b)	Between 18mm to 60mm



Thickness of the steel sheet (mm)	A (mm)	B (mm)	Ix (cm4)	Ly (cm4)
1,0	20	30	0,5782	0,7241
1,2	20	30	0,6759	0,8568
1,5	20	30	0,8121	1,0485
1,0	30	40	1,8272	1,8374
1,2	30	40	2,1662	2,1707
1,5	30	40	2,6366	2,6727
1,0	40	40	2,0228	3,4494
1,2	40	40	2,4051	4,0815
1,5	40	40	2,9652	4,9950
1,0	50	40	2,1875	5,6450
1,2	50	40	2,6054	6,6942
1,5	50	40	3,2111	8,2197
1,0	60	40	2,3281	8,4742
1,2	60	40	2,7708	10,0642
1,5	60	40	3,4208	12,3856

Inertial moment data to be used in static calculations

Forming DOOEL manufactures these profiles by method of cold roll forming to a high standard profiles with high degree of quality, packaged for ease of handling and to make safety a priority. Profiles are ink marked showing the producer, the CE symbol, profile size, manufacturing date



Company contact details:
FORMING DOOEL
ul.30, br.160, s.Kuchemishte
Skopje, MACEDONIA
Phone: +389(0)75224562
E-mail: info@forming.mk
Web: www.forming.mk
Web: forte.formig.mk