

RELTEC CUADRADO

DESCRIPTION

SELF-SUPPORTING disposable formwork made up of an **inner sheet of smooth MDF**, a **piece of expanded polystyrene (EPS)** that gives it shape and an **external fibreglass reinforcement** to withstand the pressure of the concrete.

USE

- Formwork for reinforced concrete pillars, of square or rectangular section, with smooth and visible finish.



TECHNICAL CHARACTERISTICS

Characteristics	Value		
Section	From 150x150 to 700x700 mm ⁽¹⁾		
Standard finish	Chamfered edges ⁽²⁾		
Stripping	Cut at the mark. No stripping substances are required		
Standard height	3000 and 4000 mm		
Maximum height of manufacture	∅ outside ≤ 1020 mm	1020 < ∅ outside ≤ 1200 mm	1200 < ∅ outside ≤ 1500 mm
	7000 mm	6000 mm	4000 mm
Interior waterproofing	Resistant to concrete moisture		
Tightness	COMPLETELY TIGHT for smooth and visible finishes		

⁽¹⁾ Special sections available.

⁽²⁾ Sharp edges available.

OUTSIDE DIAMETER (mm)

SECTION	150	200	250	300	350	400	450	500	550	600	650	700
150	242											
200	284	300										
250	330	341	374									
300	376	398	414	458								
350	424	432	456	494	514							
400	472	486	510	534	564	586						
450	520	536	554	578	604	634	666					
500	570	582	600	620	646	674	704	736				
550	618	630	650	670	690	716	745	768	810			
600	666	680	696	712	726	756	785	808	844	878		
650	714	726	740	756	776	800	825	852	876	915	960	
700	764	776	786	812	824	842	866	894	911	952	1001	1020

WEIGHT (Kg/m)

SECTION	150	200	250	300	350	400	450	500	550	600	650	700
150	2,27											
200	2,97	3,10										
250	3,67	3,80	3,93									
300	3,95	4,15	4,35	4,66								
350	4,30	4,70	5,10	5,66	6,00							
400	5,03	5,35	5,67	6,66	6,82	7,00						
450	5,60	6,00	6,40	7,00	7,40	7,70	8,66					
500	7,04	7,35	7,66	8,35	9,00	9,35	9,68	10,00				
550	8,22	8,66	9,10	9,55	10,00	10,25	10,83	10,98	11,45			
600	9,88	10,25	10,62	11,00	11,33	11,67	12,05	12,36	12,68	12,98		
650	11,54	11,91	12,28	12,65	12,97	13,29	13,61	13,93	14,25	14,57	14,89	
700	13,20	13,52	13,84	14,16	14,48	14,80	15,12	15,44	15,76	15,08	16,40	16,72

Important notes:

- In sections larger than 400x400, Reltec formworks may suffer minimal rounding deformities in the faces and corners at an approximate height of 1 metre, which are caused by the high pressure exerted by the concrete in this area. Similarly, for greater than standard heights, it is not possible to guarantee the precision of the chamfered or sharp edges or the flatness of its faces, especially in the lower part of the formwork.
- For protection, covering with plastic is recommended to prevent the formwork being exposed to sun or rain during storage. Similarly, avoid putting weight on the formwork so as not to cause deformities.