Specification items METACLIK 590 - ALUMINIUM

Item	Description of works	M.U.	Quantity	Price
Material: Aluminium 5754 H18 Alloy – thickness 0.7 mm (alternatively 0.8 or 1.0 mm) Finish: Pre-painted, color as specified by the Site Supervisor.				
	Description: The Metaclik® 590 roofing system consists of corrugated metal sheets with interlocking overlap (without perforations), in lengths matching the entire roof slope, and includes a drainage channel that ensures water tightness even with slopes greater than 0.5%. The sheets are fixed to the underlying structure without perforating them, using the Metablok bracket.			
Parts				
	High-Strength Metablok Bracket The shape of the Metablok Bracket allows the Metaclik® sheet to be fixed through a double interlock on the side tabs. This fixing method, without through screws, enables the necessary movement of the sheet to absorb the material's thermal expansion. The Metablok fixing bracket is supplied with 2 countersunk head screws (suitable for wood or steel) for securing to the underlying structure. Material: Anodized aluminum or alternatively PA 66 polyamide reinforced with 30% glass fiber.			
	Metatop Bracket For the installation of roof accessories, the Metaclik® system uses the universal Metatop bracket, consisting of male and female profiles that match the Metaclik® interlocking corrugation profile. These clamp onto the corrugation and are fastened with a stainless steel bolt (included in the supply), without damaging the overlap. This allows any accessory to be fixed to the roof without drilling, preserving the integrity of the sheets. Material: Aluminum or alternatively PA 66 polyamide reinforced with 30% glass fiber.			
	Metafix Bracket Bracket designed to prevent sliding of Metaclik® sheets in conditions of steep slope (installed near the ridge) or on flat slopes with sheet lengths greater than 30 m (installed mid-slope). The Metafix bracket is installed together with the Metablok bracket, and the Metaclik sheet is fixed to the bracket using stainless steel riveting. Material: Press-bent stainless steel – thickness 1.0 mm.			
Special processes				
	Anti-Condensation System The "Control Drop" system is applied to the underside of the sheets to allow for compliance with standard installation techniques for metal roofing. However, during the roofing process, certain precautions must be taken to prevent the phenomenon of capillary moisture rise. To allow the sheets to interlock properly, the felt is applied to the flat portion of the inner side of the sheet, ensuring full functionality of the snap-fit overlap areas.			