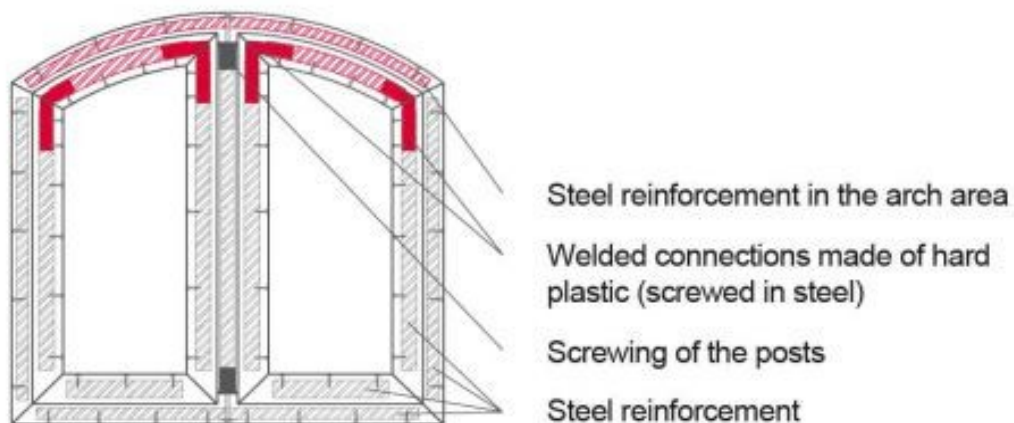


Important for CE marking - also special elements must be reinforced

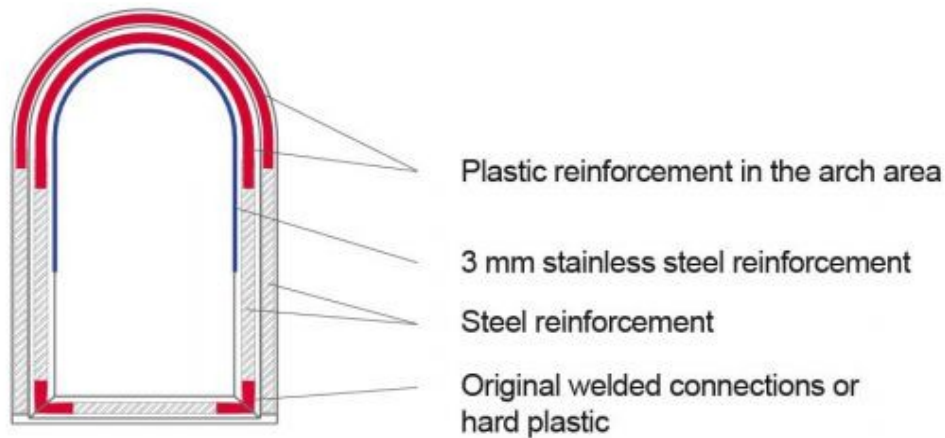
According to the guideline of profile manufacturers rectangular windows must be fully reinforced.

In order to comply with the guidelines for arch elements, **the KS Biegetechnik GmbH bend the steel reinforcement for the arch area according to the customer's needs.**

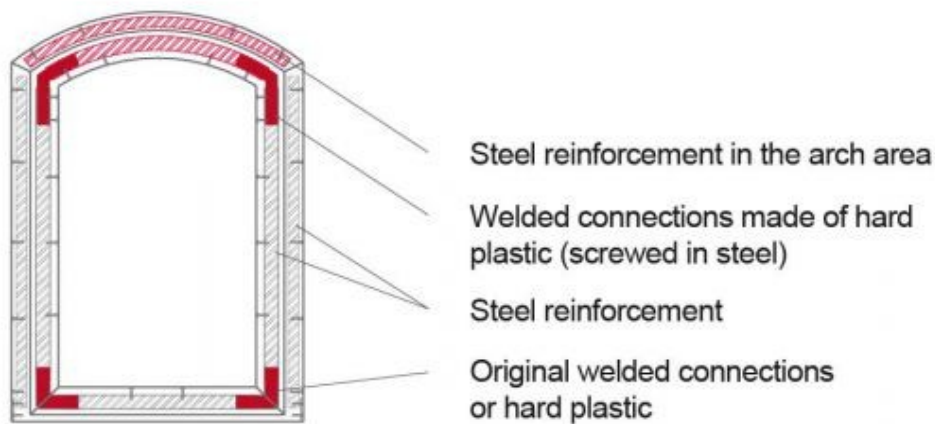
This has the advantage that the window can be reinforced not only in the upright sides and the cross-piece, but also in the arch area. This ensures better fitting of the sashes and better and safer screwing of the posts



This reinforcement is absolutely necessary for larger arch elements, front doors and two-sash arch elements. In addition the bended amoring is reinforced with welded-connections made of hard plastic and screwed in the straight part of the steel element.



The stainless steel is screwed to the steel reinforcement in the straight leg and to the plastic core in the arch area. The stainless steel is bored, so that the screws can be countersunk in the stainless steel.



The KS Biegetechnik GmbH Company is a global, medium-sized company with over 30 years of experience in the bending of plastic, aluminum, and steel profiles. Our primary focus is window construction. We produce more than 200 arches daily on our company site of 5,000 square meters. We not only bend the profiles of all known manufacturers as well as country-specific profiles such as the high soffit profiles preferred in the Netherlands and Denmark as well as mullions, rungs, enlargements and covers.

At customer's request the arches are processed by our team into special bended elements.

Our range of products extends from elliptical and pivot-hung windows, square or circular, including bended aluminum window sills to polygonal, circular and segmental arch windows.

The innovative development of this product range - arches with reinforcement in the arch region, perfect fitting bent aluminum sills and aluminum cover plates - was instrumental in helping us become not only a national but also an internationally recognized and valued partner in the construction window industry.

Adiccional informationes on this topic at www.ks-biegetechnik.de