

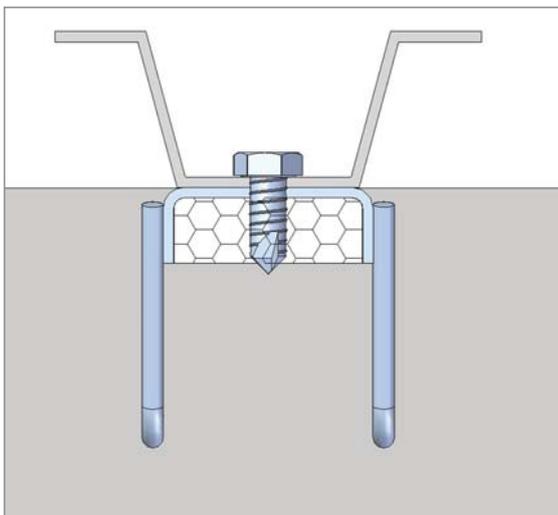
# Anchor Channels for Profiled Metal Sheeting - Introduction

**HAZ-TU** Anchor channels for profiled metal sheeting installation on reinforced concrete beams and columns are available in 3 and 6 mm thicknesses and 60/22 sections.

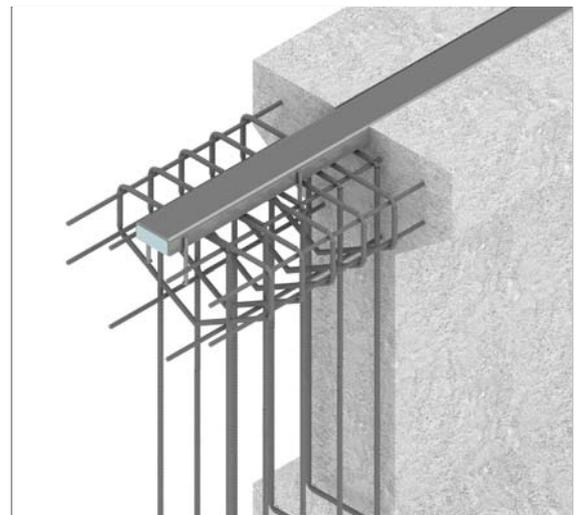
Fixing is done with self drilling screws or shot fired nails. Channels allow fast and economical installation as this system eliminates the difficult and time consuming anchor fixing into concrete.

Channels are inserted onto the surface of the concrete component flush to the surface and in the correct alignment. The end joints between channels should be minimum 20 mm. Fixing to the channels is made with either self drilling screws 6.3x22 or shot fired nails 4.5x24.

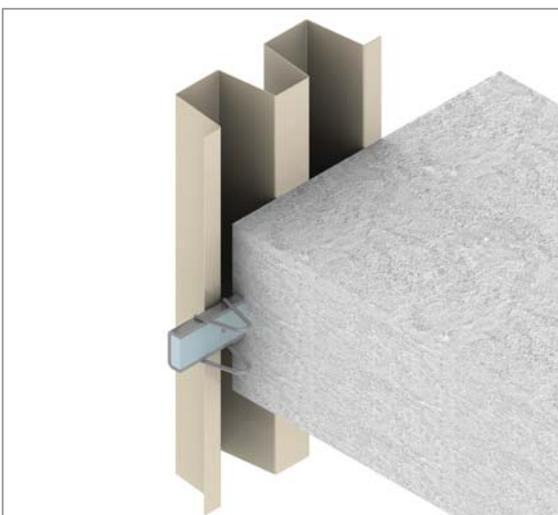
Channels are available in two standard types in 3 metre length with foam filling. Available materials are stainless steel grade 1.4301 (AISI 304) & 1.4401 (AISI 316) and hot dip galvanized mild steel.



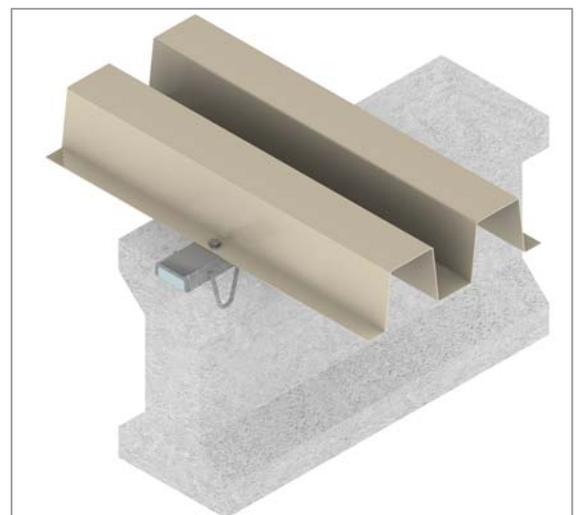
• Fixing metal profiled sheets on to **HAZ-TU** anchor channels using self tabbing screws



• **HAZ-TU** anchor channels are casted in to concrete components

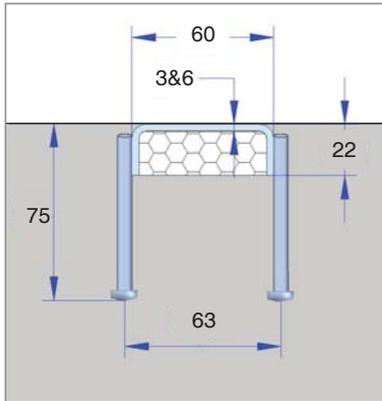


• Cladding material attached at the **EDGE** of the component

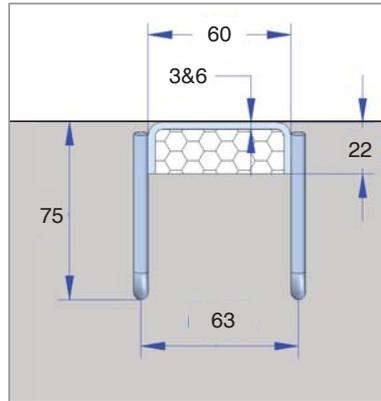


• Cladding material attached at the **TOP** of the component

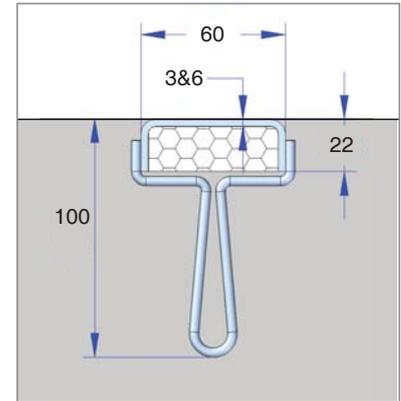
# Anchor Channels for Profiled Metal Sheets - Product Details



HAZ-TU-C



HAZ-TU-B



HAZ-TU-A

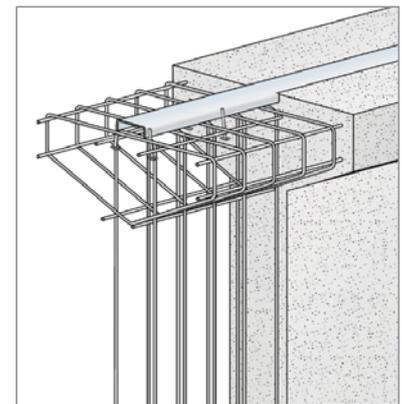
**HAZ-TU** Cast in channels for profiles metal sheet installations are supplied in either 3 or 6 mm thicknesses. A foam filler is inserted in the open slot of the channel for preventing inflow of wet concrete during casting. There are studs welded on to the channel for strong connections on to the concrete. There are three different stud versions which offer different results for loads and minimum edge spacings. Channels are supplied in Stainless steel and hot dip galvanized mild steel.



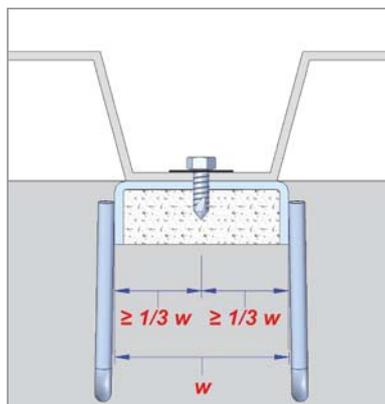
- The installation of profiled metal sheets on to prefabricated concrete components with embedded HPTR channels enables easy and economical fixing.



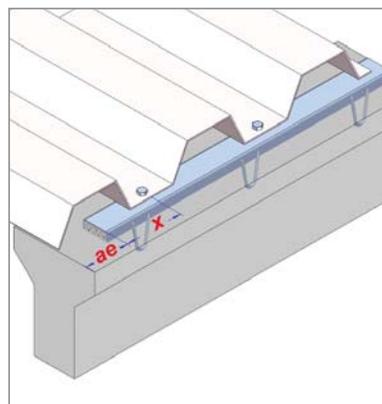
- Fixing is done with self drilling screws on to the HPTR cast in channels, without the need of pre-drilled holes. Power screw driver with 1500 rpm is required for fixing.



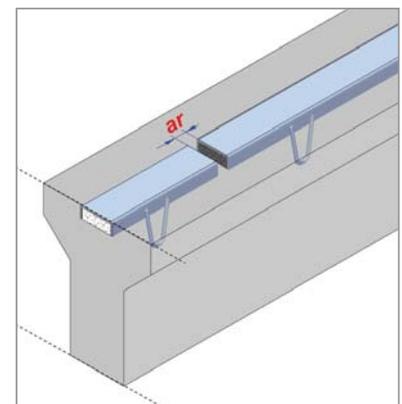
- HPTR channels are cast flush to the surface. The concrete surface should be trowelled smooth enabling the metal sheets to be positioned directly over the channels.



- Drilling positioning should be made in the middle of the channels, leaving a minimum distance  $\frac{1}{3}$  of the width from the side of the channel.



- The minimum edge spacing (**ae**) should be no less than 20 mm. The distance (**x**) between the channel end and the screw position should be no less



- The minimum spacing (**ar**) between channels should be 20 mm.