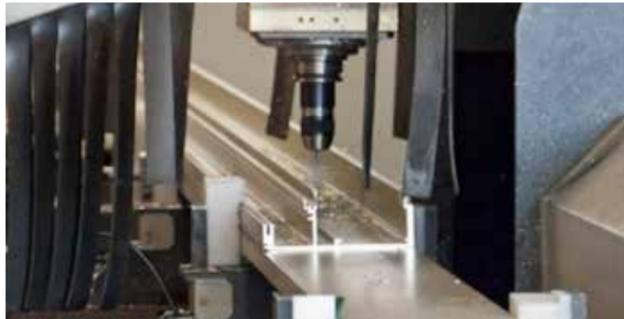




3 APPLICATION OVERVIEW
A. CURTAIN WALL
a. Fabrication
i. Drilling in metal

Curtain Wall elements such as mullions, transoms or unitized panels are prepared for installation in a controlled manufacturing environment. It requires high precision and tolerance to achieve fast assembly process on site. All components built in a factory will require engineered drawing and layouts for building code approval. Curtain Wall manufacturers will provide engineered designs, along with components and jobsite delivery.

Hilti offers ideal solution for drilling, cutting and panels assembly solutions.



Characteristics	HSS
Base material	HSS:
	
	medium alloyed steel, carbon steel, aluminum, plastics, wood
	HSS co:
	
	stainless steel, high-tensile steel, high-temperature alloys, heat-treated materials
Material coating	HSS: M2 steel HSS co: M35 steel
Diameters	HSS: 1 - 18.0 mm HSS co: 1.0 - 18.0 mm
Necessary accessory	UD 30

SCAN HERE
to watch video



3 APPLICATION OVERVIEW
A. CURTAIN WALL
a. Fabrication
ii. Cutting/ Grinding metal frame panels

Framing components of the Curtain Wall such as transoms or mullions require precise cutting edges and often have to be modified or finished in the workshop conditions or even on site.

Hilti offers a range of solutions for cutting and grinding



Characteristics	AG 125-A22/ A36
	
Product description	Cordless angle grinder
Technology	Battery Li-Ion 22V
Discs Diameter	125 mm
Cutting discs	AC-D SP
Grinding discs	AG-D, AF-D (flap disc)
Necessary accessory	Battery charger C 4/36 Li-Ion 230V Battery pack B 22/2.6 Li-Ion Battery pack B 22/5.2 Li-ion

3 APPLICATION OVERVIEW

A. CURTAIN WALL

a. Fabrication

iii. Screwing and fixing frame panels

Framing components of the Curtain Wall unitized system must be assembled into unit frame. Commonly used tools are pneumatic or cordless drill drives.



Characteristics

SFC-22A



Product description	Compact cordless drill driver
Technology	Battery Li-Ion 22V
Number of gears	2
Necessary accessory	S-BS (S) standard bit set Battery charger C 4/36 Li-Ion 230V Battery pack B 22/2.6 Li-Ion

3 APPLICATION OVERVIEW

A. CURTAIN WALL

b. On site

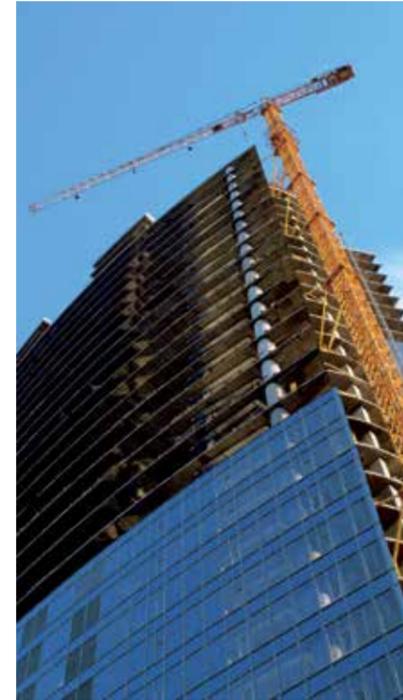
i. Fixing brackets for unitized systems

The shapes, styles and materials used in the construction of facades are becoming increasingly unconventional. Accordingly, the fastenings used to secure each section are frequently located in the heavily-reinforced edge zone of the supporting concrete structure. The demands placed on these fastenings in terms of their usability, loadbearing capacity and life expectancy are thus rising all the time.

Hilti offer a first-class product portfolio for the installation of curtain wall facades:

1. **Cast-in anchor channels** - the preferred solution for securing curtain wall facades
2. **Mechanical anchors** - optimized portfolio provides versatile, well-proven solutions for fastening all types of facades
3. **Chemical fast curing anchors** - safe and no hole cleaning solution with the HIT-Z anchor rod

All solutions are supported by state of the art Hilti PROFIS software - a complete family of compressive tools that help designers and specifiers get more done more efficiently.



1 Cast-in anchor channels

Since 2017 Hilti exclusively offers all three relevant production standards for Anchor Channel Profiles - TCRS (Temperature Controlled Roll Shaping), hot-rolled and cold-formed. Now you have the choice between three different Anchor Systems - depending on your applications.

All channels are ETA certified. Hilti also provides dedicated and tested solutions for e.g. corner, thin slab cases. Additionally, V-shape channels are approved for seismic, static and dynamic loads, as well as loads occurring in the event of fire.

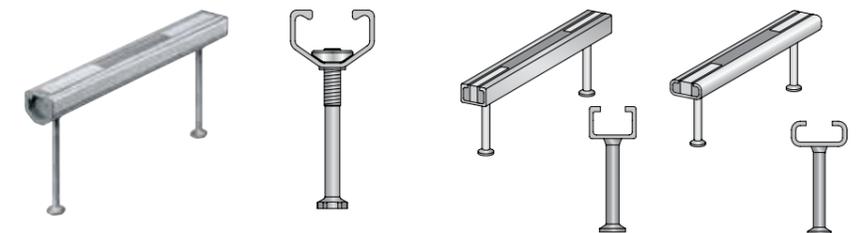


Characteristics

HAC

HAC-C

COMING 2018



Product description	Anchor channel V-shape	Anchor channel C-shape
Technology	Temperature Controlled Roll Shaping (TCRS)	Cold-formed Hot-rolled
Material	Hot-dip galvanized	Hot-dip galvanized Stainless steel A4
Necessary accessory	Torque controlled wrench for correct T-bolt fixation	
Other information	PROFIS Anchor Channel	