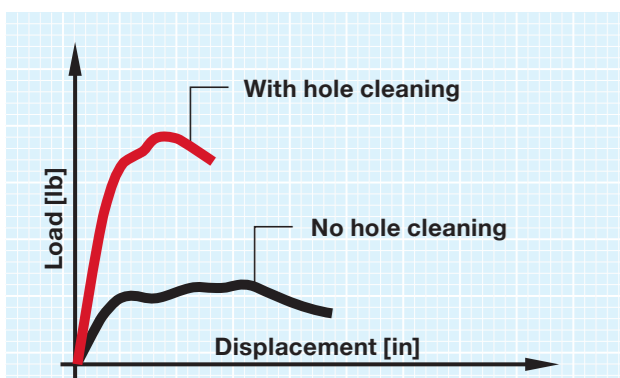


HILTI**HILTI****HILTI**

No cleaning required. Set anchors and rebar reliably.

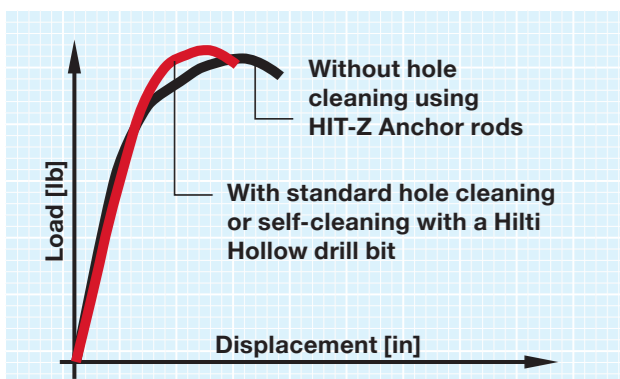
It's no secret that adhesive anchors encounter a variety of challenging jobsite conditions. Hilti injection technology (HIT) is featured in our lineup of quality products to combat this issue. With the Hilti HIT-HY 200 SAFESet™ system, which includes either Hollow drill bits with the VC 20/40 Universal vacuum cleaner or HIT-Z Anchor rods, we are taking another giant leap forward by removing a step of the installation process entirely.

Potential effects of no hole cleaning

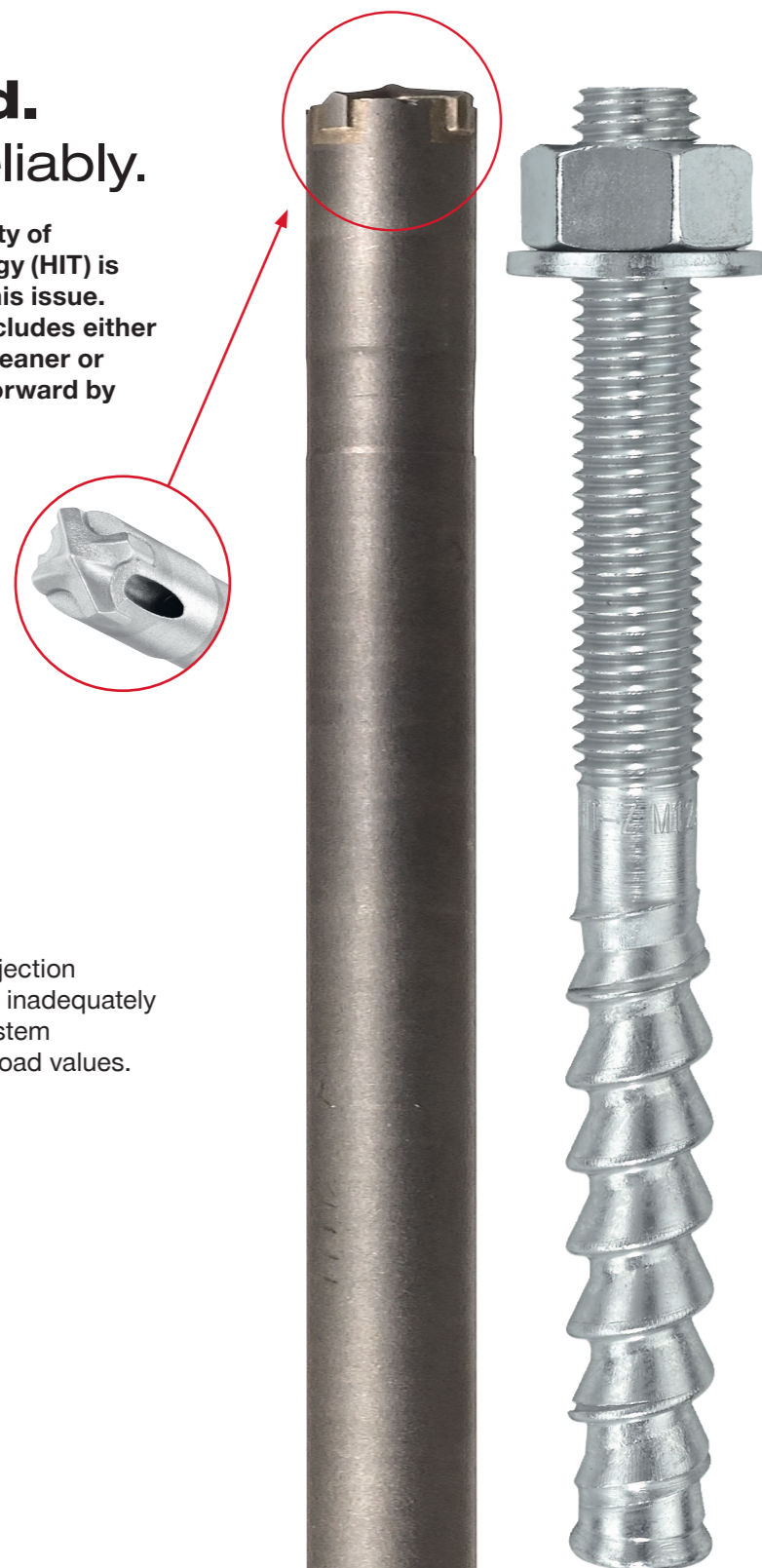


When threaded rods or rebars are set with conventional injection adhesive, load capacity is drastically reduced if the hole is inadequately cleaned after drilling. The Hilti HIT-HY 200 SAFESet™ system eliminates the cleaning step while still providing excellent load values.

Hilti HIT-HY 200 injectable adhesive with SAFESet™ system



The new SAFESet™ system featuring HIT-HY 200 allows a fastening point to take high loads, as though the hole were cleaned using traditional installation methods.



Design made easy. Hilti PROFIS Software.

Hilti PROFIS represents the next generation in design software. PROFIS Rebar is the design software for rebar connections and PROFIS Anchor is the design software for post-installed anchor fastenings.

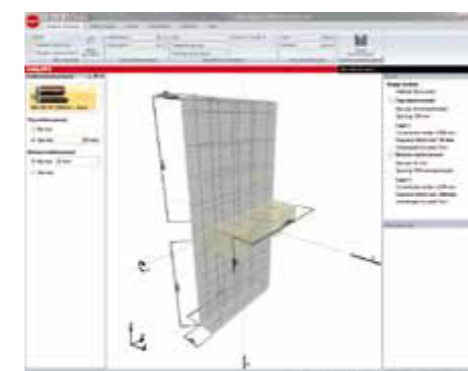
NEW You can now select SAFESet™ cleaning method when using PROFIS Rebar or PROFIS Anchor.

PROFIS Rebar

- A simple and reliable application for the design, calculation and optimisation of post-installed rebar connections
- Rebar can be safely designed like cast-in connections utilising the design provisions provided within Eurocode 2 and EOTA TR023
- The HIT-Rebar design method optimises connection embedment depths and offers new application possibilities for rebar design

The applications are built around a uniform, intuitive interface that is easy to learn. PROFIS is installed as a module and can be easily updated.

For more information and to download the software, visit hilti.co.uk/profis-rebar

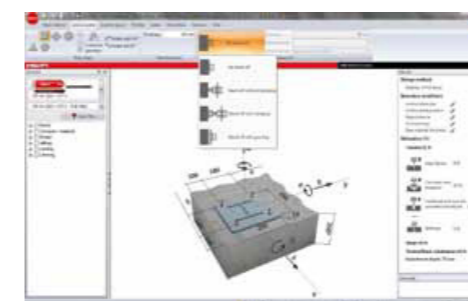


PROFIS Anchor

- PROFIS Anchor makes post installed anchor selection and design faster, safer and more reliable
- The design functionalities are based on the latest national and international standards such as:
 - EOTA TR029
 - ETAG 001 Annex C
 - CEN/TS 1992-5
 - ACI 318-08, Appendix D
- Special design models based on many years of experience allow the designer to find reliable solutions for special applications not yet addressed within building codes and regulations

When entering data, the user can choose between typing the data in tables or directly on the components shown in 3D views.

For more information and to download the software, visit hilti.co.uk/profis-anchor



HIT-HY 200 SAFESet™ system
ONE GIANT LEAP.

Hilti. Outperform. Outlast.

Hilti. Outperform. Outlast.

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Freephone: 0800 886 100 | Landline: 0161 886 1000 | Freefax: 0800 886 200 | www.hilti.co.uk

Connect with us  

Hilti SAFEset™ technology

A SMALL STEP FOR ENGINEERS.

A giant leap forward for your next design.

Now you can design anchor rod and post-installed rebar connections with more confidence. Inadequately cleaned holes during installation can reduce the performance of conventional chemical anchor systems significantly. Hilti SAFEset™ technology eliminates this factor almost entirely - in both cracked or uncracked concrete and with anchor rods or post-installed rebar.

Hilti proudly presents the HIT-HY 200 SAFEset™ System.



What does HIT-HY 200 SAFEset™ system mean?

The Hilti HIT-HY 200 SAFEset™ system eliminates the most load-affecting and time-consuming step in the installation process: cleaning the hole before injection of the adhesive.

The system improves reliability with the application being performed on the jobsite just as it is designed in the plans.

Applications

- Post-installed rebar connections for concrete slab, column or wall extensions
- Heavy-duty anchoring in cracked or uncracked concrete, e.g. for steel beams, columns, manufacturing equipment or ledger angles
- Facade installation, steel and metal construction, installation of railings and safety barriers

Find out more:

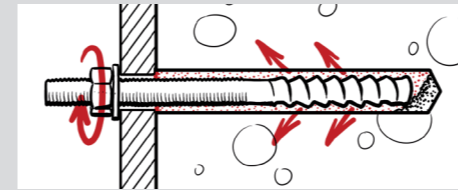


hilti.co.uk/safeset

1 No cleaning required. HIT-Z Anchor rods

The new Hilti HIT-Z Anchor rod with its cone-shaped helix works as a torque-controlled bonded anchor. This means that the performance of HIT-Z Anchor rod, when used with HIT-HY 200, is not affected by uncleaned hammer-drilled holes, whether in dry or water-saturated concrete.

Anchor diameter range	M8 to M20
Material	Carbon or stainless steel (SS316)
Embedment depth	Up to 12 times rod diameter
Concrete compressive strengths	2,500 psi to 8,500 psi
Installation temperature range	5°C to 40°C



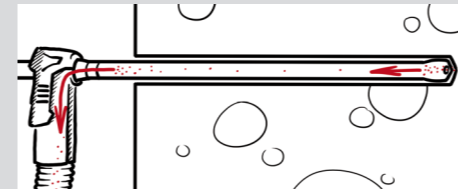
SAFEset™ technology



2 Holes that clean themselves. Hollow drill bits

Hilti TE-CD and TE-YD Hollow drill bits, in conjunction with HIT-HY 200, make subsequent hole cleaning completely unnecessary. Dust is removed while drilling is in progress by the Hilti VC 20/40 Universal vacuum cleaner, for more reliability and a virtually dust-free working environment.

Rebar diameter range	Ø8 to Ø25
Threaded rod diameters	1/2" to 1"
Embedment depths	Up to 15-1/2"
Concrete compressive strengths	2,500 psi to 8,500 psi
Installation temperature range	-10°C to 40°C



SAFEset™ technology



HIT-HY 200 SAFEset™ application ranges

