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Announcement new product (Hilti HIT-HY 200-R V3) replacement of discontinued product (Hilti HIT-HY 200-R)

Dear Sir/Madam

After several years of intense research and development, Hilti is introducing the new generation of hybrid mortar "Hilti HIT-HY 200-R V3 injection mortar system".

The injection system Hilti HIT-HY 200-R V3 is now suitable for an even wider range of applications and conditions for added reassurance on your daily designs for both, anchor systems and post-installed rebar applications. HIT-HY 200-R V3 offers the most flexible and optimized design for nearly all civil engineering disciplines due to its high load performance and comprehensive approvals.

Now you can access all features available with HIT-HY 200-R as well as the following extras under the same conditions when using HIT-HY 200-R V3 (see relevant European Technical Assessment (ETA) documents ETA 19/0601, ETA 19/0600, ETA 19/0632, ETA 19/0665 and ETA 20/0318 for the more details):

- Qualified for structural and non-structural applications
- Qualified for splices applications (ETA 19/0600) based on EAD 331522-00-0601 and structural joints (ETA 19/0665) based on the latest EAD 332402-00-0601.
- Qualified based on ETA 19/0665 to be designed in accordance to TR069, the latest design method for rigid connections
- Qualified for static, quasi-static, and seismic loading conditions with an equivalent performance to HIT-HY 200-R based on ETA 19/0600, ETA 19/0601 and ETA 19/0632.
- **Qualified for static and fire loading conditions with a service life of 50 and 100 years (ETA 19/0600 and ETA 20/0318)**
- Qualified in combination with Hilti Hollow Drill Bit (HDB) to ensure a dust free environment during installation and eliminating the most load effective step for chemical anchors, borehole cleaning (SafeSet installation).
- Qualified for diamond coring with roughening tool TE-YRT with a performance equal to hammer drilling (SafeSet installation).
- Applicable for temperature below 0°C
- A bundle of technical data for design solutions going beyond the scope of the approval range including the Hilti HIT rebar design method.
- Curing time and installation procedure remain unchanged.

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We will supply this product to you under the same packaging concept and there are no changes in the element portfolio.

This being said, you can specify or install HIT-HY 200-R V3 in the place of HIT-HY 200-R for all applications where HIT-HY 200-R is approved for use.

On contrary HIT-HY 200-R cannot universally substitute HIT-HY 200-R V3. The performance has been improved in some applications as well as HIT-HY 200-R V3 having an extended range of applications through its compliance with design using TR069.

This assessment is also valid for plinth anchoring of edge beams on bridges with Hilti HCC-HIT V elements and Hilti HIT-HY 200-R V3, although this element is not directly incorporated into the approval document, so far.

In case of questions, please do not hesitate to contact one of our Technical experts or Sales representatives.

Additionally, by the launch date, PROFIS Engineering & PROFIS Rebar will be updated with Hilti HIT-HY 200-R V3 and you will be able to perform necessary calculations and explore all the potential applications for Hilti injection system.

Yours truly,

Shaun van Rooyen

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