

# Product Showcase

## Repair Products



### Consolideck RealCrete PC

PROSOCO's Consolideck® RealCrete PC™ is a portland cement-based concrete overlay for floors too deteriorated for grinding and polishing. Due to its cement base, RealCrete PC has many qualities of placed concrete. It can be hardened and densified with PROSOCO Consolideck LS® lithium-silicate hardener/densifier for faster polishing, and it can be used for patches and repairs of indoor and outdoor concrete. RealCrete PC floors can also be stained, integrally colored, and polished.

—PROSOCO, [www.prosoco.com](http://www.prosoco.com)

### Bosch DH1020VC SDS-max Demolition Hammer

The Bosch DH1020VC 25 lb (11 kg) SDS-max® Demolition Hammer is the company's strongest yet, featuring Bosch vibration control technology and improved impact energy. The longer in-line design of the hammer provides improved weight distribution during demolition. An extended air cushion in the hammer mechanism and decoupled main handle reduce vibration. Other features include a 12-position Vario-lock™ that allows users to rotate and lock the chisel in different working positions and a variable speed dial that reduces the impact rate and energy when controlled chiseling is required.

—Bosch, [www.bosch.com](http://www.bosch.com)



### ARMOR-HARD KIT

ARMOR-HARD KIT is a concrete floor repair kit consisting of a two-component structural epoxy binder and a premeasured bag of custom-blended sand aggregate. When the epoxy and aggregate are combined, they produce a mortar that is easily worked and troweled. ARMOR-HARD is ideal for industrial applications, including spall repair; joint shoulder rebuilding; topping for delaminated slabs; and for filling in holes, gouges, ruts, and popouts. It has an early set time that allows pedestrian traffic and grinding and sanding in less than 4 hours and hard-wheeled traffic in 8 hours.

—Metzger/McGuire, [www.metzgermcguire.com](http://www.metzgermcguire.com)

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## FLOOR-TOP STG

FLOOR-TOP STG is a standard traffic-grade, single-component, self-leveling floor topping and underlayment used to smooth out uneven, rough, or deteriorated interior concrete floors. It can be color-enhanced with integral color, dyes, coatings, sealers, or acid stains. It accepts foot traffic in as early as 4 hours, and floor coverings may be installed after 18 hours.

—W.R. MEADOWS, [www.wrmeadows.com](http://www.wrmeadows.com)

## Helifix Products Help Restore Warehouse

As part of the renovation of a five-story tobacco warehouse originally built in the early 1900s, Helifix® Crack Stitch and DryFix systems were used. After a section of one wall collapsed, a detailed inspection of the rest of the building revealed deterioration caused by expansion of brick infill in the concrete superstructure. To repair vertical cracks on the building's corners, the Crack Stitch system was put into place. This system allows contractors to repair and redirect stresses on damaged areas by combining stainless steel HeliBar reinforcement rods with injectable HeliBond grout. The DryFix remedial pinning and tying system was used to tie brick wythes to the infill walls above openings, providing support during replacement of corroding, loose, and missing steel shelf angles supporting the brick veneer on all five stories.

—Helifix, [www.helifix.com](http://www.helifix.com)

## Aqua Cutter 710V Used in Pier Reconstruction

Specialist marine contractor Maagan Marine & Diving Works Ltd. is using hydrodemolition techniques to remove decayed concrete from the East Pier at the Port of Haifa in Israel during a reconstruction project. Aquajet's Aqua Cutter 710V hydrodemolition robot has been employed for the demolition work due to its high accuracy and ability to leave behind clean reinforcing bar, which is being left in place for the project. The Aqua Cutter's ability to reach all necessary areas, including confined spaces, led to its use on the project in place of demolition hammers. The reconstruction was originally slated to take 3 years, but due to the efficiency of the Aqua Cutter, that time frame will be reduced.

—Aquajet, [www.aquajet.se](http://www.aquajet.se)

