

# permacrete

## COLUMNS



## PERMASTRUCT

### SPECIALIZED STRUCTURAL COLUMNS FOR THE CONSTRUCTION INDUSTRY

#### No More Need For Concrete And Steel Reinforcing

Made from **resocrete's** Mod 34 formulation, the **permastruct** columns are ready to order, lightweight, load bearing structural columns.

Available in both tapered and straight profiles, and in a wide range of diameters and lengths, these lightweight columns, with their unique "Top-hat Nib" location system for installation are simply placed over the nibs, epoxied into place and then painted.

#### WE MAKE CUSTOM-TO-ORDER DIAMETERS AND LENGTHS

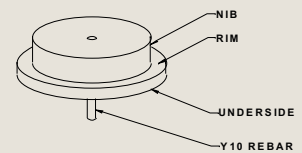
##### No More Hassle

- . Easy installation using unique "Top-Hat Nib"
- . No more shuttering and pouring of concrete
- . No more filling and sanding shutter flash lines to get a smooth surface
- . No down time waiting for concrete to cure
- . Full structural load can be applied immediately after epoxy has cured (+/- 6 hours)
- . High load capacity, columns are available for loads up to 20 tons
- . For easy Top-Hat installation see CAD drawing & instructions

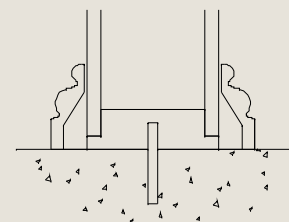


PERMASTRUCT COLUMN WITH CAPITAL & BASE

##### TOP HAT LOCATOR DETAIL



##### SECTION THROUGH NIB / COLUMN / BASE



##### Characteristics

- . Light-weight
- . Easy to install
- . Fine definition of finish
- . 0% water absorption - no mould growth
- . No need for filling or sanding
- . Superior structural characteristics
- . Wide range of lengths & diameters
- . Matching Caps & Bases available

##### Technical Specifications

- . Mod 34 Natural Stone, resin bonded formulation
- . 43 Mpa flexural strength
- . 130 Mpa compressive strength
- . Lightweight (230 DIAM x 2500 LONG = 65kg)
- . Impervious to water - paint doesn't peel
- . Outstanding UV resistance
- . High shock absorbency
- . Resistant to biological attack

Visit our web-site at [www.resocrete.co.za](http://www.resocrete.co.za)

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