

## The Hilti HIT System

Versatile, Easy-To-Use, Offers Faster Cure Times and Extended Temperature Ranges



### HIT HY 20

Adhesive with screen tube for fastening thru masonry construction with voids.



### HIT HY 20

Adhesive with screen tube for fastening to hollow block, hollow clay tile, and solid brick or with holes.



### HIT HY 150 or RE 500

Adhesive for fastening into solid base material such as concrete, grouted block and stone.

## Advantages

### Versatile

For fastening a variety of fasteners into many different base materials within a wide range of temperatures.

### Easy To Use

Easy dispensing adhesive even in cold temperatures. Application-matched, compact system; simply drill and clean the hole, dispense the adhesive and insert the fastener or rebar.

### Uniform Quality

Mixing errors eliminated; two components of the adhesive are in separate containers and are proportional and mixed as they are dispensed.

### Reliable

Consistent fastenings; no expansion forces exerted on base material.

### Clean

No direct contact with the adhesive, since there is no manual mixing; no setting tools required.

### Economical

Waste is minimal since only the amount required for the job is used. If adhesive is not completely dispensed during initial usage, cartridge may be reused; one cartridge may be sufficient for several fastenings. Cartridge waste volume for disposal is also minimal.

## HIT-TZ Advantages

### Reliable

Holes may be uncleaned, waterfilled or both and the high performance remains the same as cleaned dry holes with Hilti HAS-E threaded rods at 20% deeper embedment. Even in diamond cored holes made with the Hilti EC-1, the HIT-TZ is fast and reliable.

### Simple

Installs easily with the Hilti HIT HY 150 injection adhesive.

### Fast

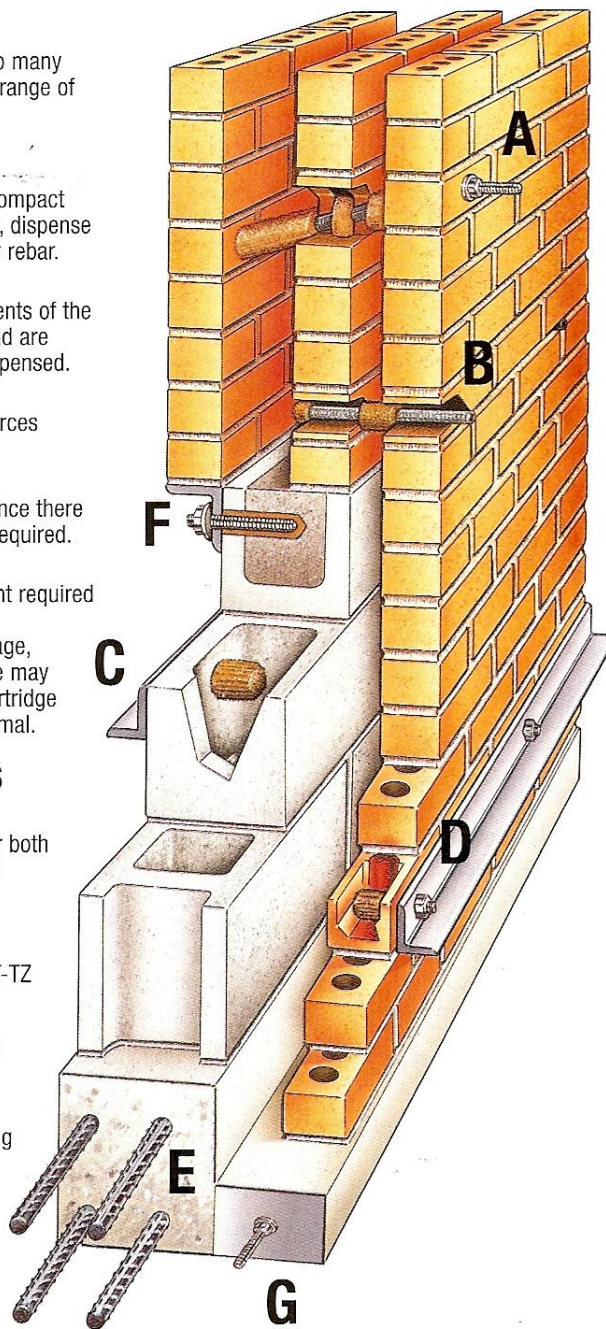
No cleaning, less drilling and fast curing HIT HY 150.

### Economical

20% less embedment than standard embedded threaded rods uses less HIT HY 150 and saves drilling, cleaning and inspection time. Drill bit life is also extended more than 20%.

### Secure

TZ not only means trouble zones of uncleaned holes, but tension zones of concrete where cracking occurs e.g. overhead.



## HIT Applications



### A) HIT HY 20

With screen tube. 225 combination anchor for seismic upgrade in unreinforced masonry (URM) and solid brick walls.

### B) HIT HY 20

With screen tube. Vertical wall pinning using rebar or HAS rods as brick tie for building renovation.



### C) HIT HY 20

With screen tube. Anchorage to face of hollow concrete block using HIT-A anchor rod or HIT-I internally threaded insert.

### D) HIT HY 20

With screen tube. Anchorage to face of brick with holes using HIT-A rods or HIT-I internally threaded inserts.



### E) HIT HY 150 or RE 500

Rebar doweling into solid concrete. Quick and easy.

### F) HIT HY 150

Anchorage of threaded rod into solid grouted bond beam.

### G) HIT HY 150 with HIT-TZ or HAS-E Threaded Rods

Anchorage to solid base materials.

