



# VYACC-FS

## Membrane Fastening Screws

### DESCRIPTION

VYACC-FS are high-performance fastening screws designed for mechanical fixation of single-ply roofing membranes and insulation systems. Manufactured from high-strength carbon steel or stainless steel, they provide secure anchorage and long-term durability across a wide range of building envelope applications.

### BENEFITS

- High pull-out resistance for reliable fixing performance
- Excellent corrosion resistance (stainless steel options)
- Optimized thread geometry for fast installation and strong holding power
- Wide compatibility with PVC, TPO, and EPDM systems
- Suitable for steel, concrete, and timber substrates
- Consistent quality for engineered fastening systems

### APPLICATIONS

- Mechanical fastening of roofing membranes (PVC / TPO / EPDM)
- Fixation of thermal insulation boards
- Used with fastening sleeves/plates or induction welding disks
- Flat roofs and low-slope roofing systems
- Suitable for new construction and refurbishment projects

### INSTALLATION

- Select appropriate screw length according to system thickness and substrate type
- Install using an electric screw gun with torque control
- Ensure proper penetration depth into the substrate
- Use in combination with VYACC fastening sleeves/plates or disks when required
- Follow project-specific fastening patterns and engineering requirements

### STORAGE & SHELF LIFE

- Store in dry, well-ventilated conditions
- Keep in original packaging before use
- Protect from moisture and corrosive environments
- Shelf life: Unlimited under proper storage conditions

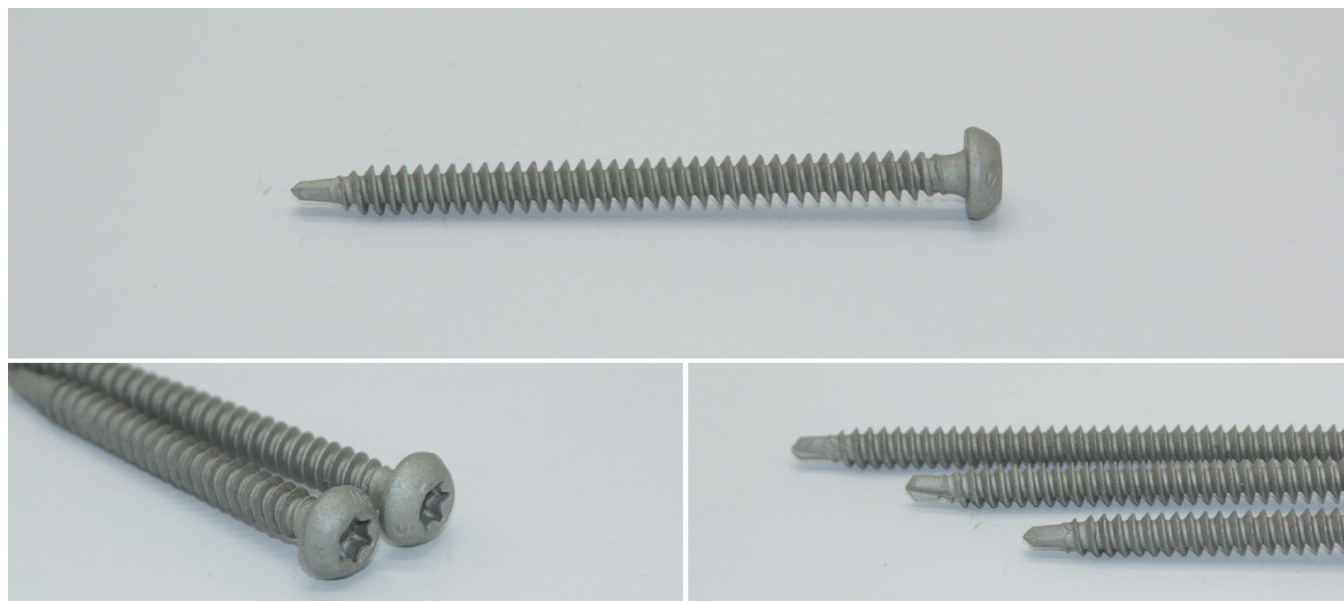


## DIMENSIONS & PACKAGING & TECHNICAL DATA

| Parameter                              | FS 5.5                                              | FS 6.3                                              | FS TBAR                                             | FS 6.3 HS                                           | FS 6.3 SS                                                               |
|----------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------------|
| Thread diameter                        | 5.5 mm                                              | 6.3 mm                                              | 5.5 mm                                              | 6.3 mm                                              | 6.3 mm                                                                  |
| Screw length                           | 50/75/100 mm                                        | 32/50/75/90/105/125/135/140/150/160/180/200/230 mm  | 32/50 mm                                            | 32/50/75/90/105/125/135/140/150/160/180/200/230 mm  | 32/50/75/90/105/125/135/140/160/180/200/230 mm                          |
| Drive                                  | T30 Torx                                            | T30 Torx                                            | 8 mm Hex Socket                                     | T30 Torx                                            | T30 Torx                                                                |
| Thread                                 | Self-tapping reverse-thread                         | Self-tapping reverse-thread                         | Self-tapping coarse thread                          | Self-tapping coarse thread                          | Self-tapping reverse-thread                                             |
| Screw material                         | Carbon steel                                        | Carbon steel                                        | Carbon steel                                        | Carbon steel                                        | 304 stainless steel screw shank + high-hardness 435 composite drill tip |
| Pull-out strength (0.8 mm steel plate) | ≥ 1800N                                             | ≥ 1800N                                             | ≥ 4500N                                             | ≥ 4500N                                             | ≥ 1800N                                                                 |
| Corrosion resistance                   | 1500 h neutral salt spray, 15 cycles acid rain test | 1500 h neutral salt spray, 15 cycles acid rain test | 1500 h neutral salt spray, 15 cycles acid rain test | 1500 h neutral salt spray, 15 cycles acid rain test | 1500 h neutral salt spray, 15 cycles acid rain test                     |
| Drilling capacity                      | Steel plate thickness 0.63-1.25 mm                  | Steel plate thickness 0.63-1.25 mm                  | Steel plate thickness 1.25-3.0 mm                   | Steel plate thickness 1.25-3.0 mm                   | Steel plate thickness 0.63-1.25 mm                                      |

## PRODUCT IMAGES

### FS 5.5

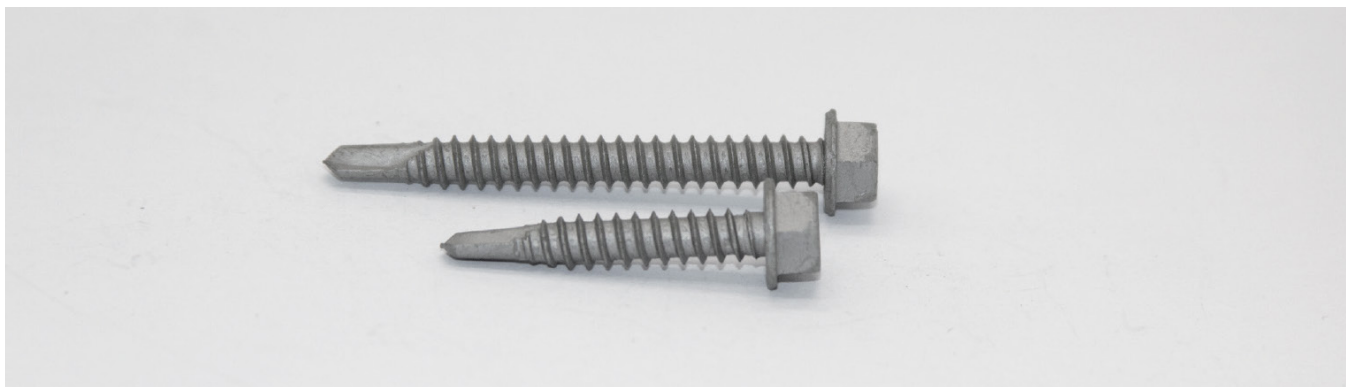


## PRODUCT IMAGES

### FS 6.3



### FS TBAR



## PRODUCT IMAGES

### FS 6.3 HS



### FS 6.3 SS

