



VYACC-ID

Induction Welding Disk

DESCRIPTION

VYACC-ID is a specially designed induction welding disk used for mechanical fastening of PVC/TPO roofing membranes. The disk is fixed to the substrate with fastening screws and subsequently bonded to the membrane by induction welding technology, creating a secure and concealed attachment system. It ensures reliable fixation while maintaining membrane integrity and waterproof performance.

BENEFITS

- Enables concealed fastening without membrane penetration
- Strong and consistent bond through induction welding
- High load distribution and wind uplift resistance
- Durable and corrosion-resistant material
- Fast and efficient installation process
- Compatible with automated induction welding equipment

APPLICATIONS

- Mechanical fastening of PVC/TPO roofing membranes
- Used in induction welding roofing systems
- Suitable for flat and low-slope roofs
- Application in commercial and industrial roofing projects
- Compatible with VYPVC/VYTPO membrane systems

INSTALLATION

- Position the disk over insulation or substrate surface
- Fix the disk using VYACC-FS fastening screws
- Install PVC/TPO membrane over the disks
- Use induction welding equipment to bond membrane to disk
- Follow project-specific fastening layout and welding parameters

STORAGE & SHELF LIFE

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



DIMENSIONS & PACKAGING & TECHNICAL DATA

Parameter	ID	ID PLUS
Disk diameter	Φ80 mm	Φ80 mm
Disk thickness	0.8 mm	0.8 mm
Hole diameter	6.5 mm	17 mm
Disk base material	150g auzinc steel sheet	150g auzinc steel sheet
Coating	PVC/TPO	PVC/TPO
Design load	800 N	800 N
Assembly pull-out strength	≥2000 N	≥2000 N
Bonding strength	≥2000 N	≥2000 N
Flange diameter	-	26 mm
Sleeve length	-	40/65/105 mm
Sleeve material	-	Modified nylon

PRODUCT IMAGES

ID



ID PLUS

