Data Sheet

AUSTRODIAM®

Item 822

1. Product description:

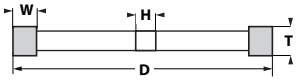
Segmented Diamond Blade

Dimensions (in):	14" x 0.125" x 1"
Dimensions (mm):	350 x 3.2 x 25.4
Specification:	NARANJA ORO
Max. rpm:	4,400
# of Segments:	25
Segment Height:	10 mm
Line:	Oro
Recommended Operating Speeds:	Reinforced Concrete: 25-35 (m/s) Cured Concrete: 35-40 (m/s)





DDD



D =	**350**	**mm**
T =	**3.2**	**mm**
H =	**25.4**	**mm**
W =	**10**	**mm**



Concrete

Certification

This diamond blade is certified by the Organization for the Safety of Abrasives.

OSA



Floor Saw

1. Application

- For cutting cured plain or reinforced concrete.
- Professional use.
- High performance, even in deep cutting applications.
- Features a drive pin hole.

2. Operating instructions

- Use with a high-power floor saw (25 HP or higher).
- Mount the blade following the direction of rotation indicated by the arrow on the blade and let it spin idle for one minute to verify it is not damaged.
- Designed for wet cutting applications. Prevent the product from overheating.
- Keep floors and work areas in good condition and free from obstructions.
- Use a moderate depth of cut and feed rate, as excessive cutting pressure may damage the diamonds.

3. Safety information

- Always use safety guards.
- Never exceed the maximum operating speed indicated on the label.
- Always wear appropriate personal protective equipment (PPE), including gloves, hearing protection, respiratory protection, and safety glasses.
- Do not use for grinding operations.
- Never attempt curved cuts.

4. Handling

- The initial inspection must be carried out while the product is still in its original packaging. If there is any visible evidence of damage, the product should not be accepted.
- Handle blades carefully to avoid impacts or drops. If a blade shows cracks, broken segments, or visible damage, it must not be mounted.

5. Storage

- Store the blade in a clean, dry environment, free from moisture, dust, and dirt, preferably in its original packaging. Avoid prolonged exposure to hot, cold, or wet surfaces.
- Store blades in a manner that prevents distortion of the steel core.
- Avoid resting the diamond segments against rigid surfaces that could damage them.
- If a diamond disc is stored at an angle, ensure that the entire face of the disc is supported, not just its edges.
- Store diamond blades in their original packaging on a flat surface. Small diamond blades may be suspended by their center holes.
- If blades are stored vertically, provide adequate lateral support.

6. Packaging units

- 1 piece.