

Field Grinding Instructions



SUGGESTED GRINDING TOOLS

Serrated diamond grinding disc can be used for small areas – OR – a diamond grinding cup for larger areas with dust shielding system (examples below). Dust should be collected by a shop vacuum with a HEPA filter.

DEWALT DW4774 4 1/2" Double-Row Diamond-Cup Grinding-Wheel

DEWALT DW4701 Industrial 4 1/2" Dry or Wet Cutting Continuous Rim Diamond Saw Blade with 7/8" Arbor

DEWALT DWE46150 5" Surface Grinding Dust Shroud

SAFETY + WORK GEAR

Eye protection is required for all drilling operators.
Material Safety Data Sheets (MSDS) are available upon request.

ENVIRONMENT

Please adhere to all local, state, and federal regulations pertaining to the treatment and discharge of wastewater generated as a result of cutting and drilling TAKTL material. TAKTL is a non-hazardous material for the purpose of wastewater classification. Requirements for treatment of wastewater will be specific to project, site location, and cutting/drilling conditions.

Typically, TAKTL panels do not require any surface grinding for successful installation. However, situations may arise in which field grinding is required.

- Field dimension adjustments require field drilling and hole location is not flat enough for proper drilling.
- Attachment clip is not resting on back surface properly.

IMPORTANT

Before Grinding



Wet grinding is required to reduce heat build up and minimize dust exposure.



Generally, the tools and techniques used for cutting, drilling and grinding stone or ceramics will provide effective results with TAKTL products.

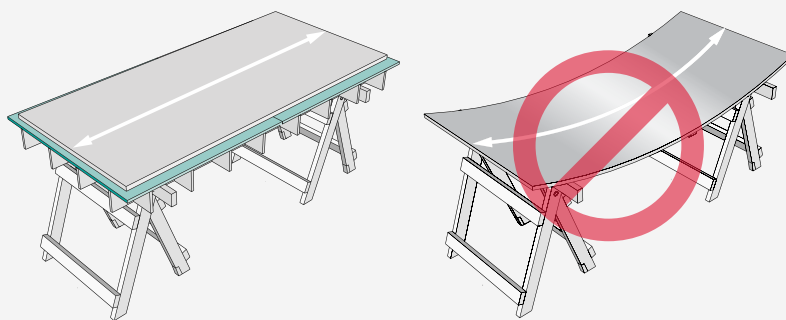


Remember to maintain all TAKTL handling instructions while staging, moving, thoroughly drying, and storing panels.

01 Securing the Panel

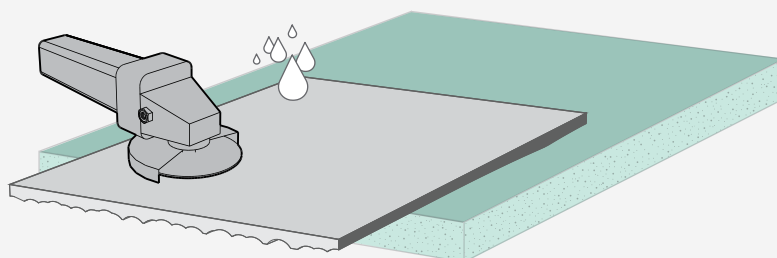
Grind on a large, flat work surface with continuous support to prevent flexing. Do NOT span the panel across unsupported saw horses (FIG. A).

A

**02 Grinding Instructions**

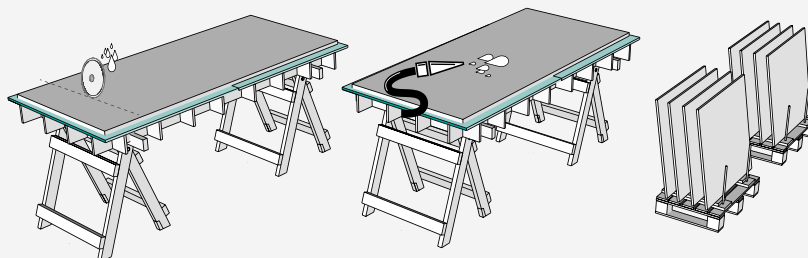
Lay the panel face down on the clean foam sheeting provided in shipping crate. Grind from the back, keeping the surface uniformly wet (FIG. B).

B

**04 Handling the Panel after Grinding**

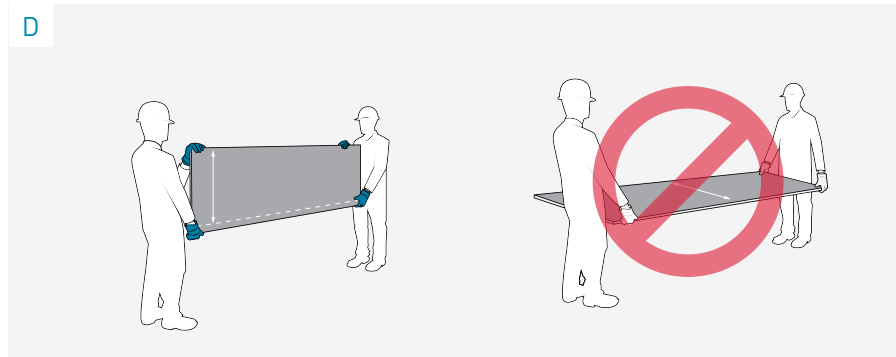
Immediately after grinding, rinse the panel surface, wipe completely with a non-abrasive cloth or sponge, rinse, and dry with an air stream from a compressed air gun or electric leaf blower. Improper surface cleaning and drying will result in surface staining, water spotting, or adherence of slurry (FIG. C).

C



05 Moving Processed Panel

Panels must be carried with the shortest dimension perpendicular to the ground, similar to how glass would be handled (FIG. D).



06 Processed Panel Storage

Panels should be stored on edge in a staging rack for ventilated drying. Or, panels may be re-crated with original padding (only if completely and evenly dried). Panels should always rest on back edge atop clean foam, provided in shipment, to prevent chipping (FIG. E).

