Rotating saw notice

OPTION 1 - USE A MAC CUTTER

MAC offers a series of cutters perfectly adapted to MAC products, designed to save time and increase efficiency for installers on the job site. MAC cutters make clean cuts without the risk of damaging the product and/or the applied paint. It is the most efficient, economical, and long-lasting cutting tool available.

The MAC cutter is a must-have for all of your projects. It is available for Harrywood, Harrywood Block, Harrywood Plus, Norwood, Norwood Mini, Versa, Metal Block, MS 14, Board and Batten & Reverse Board and Batten profiles.

Ask your MAC distributor for more information.

OPTION 2 - USING A ROTARY SAW

It is also possible to use a rotary saw to make cuts on MAC profiles. As long as the saw is equipped with a Diablo or Makita-brand metal saw blade (see below for accepted models). It is essential to follow the recommendations of use indicated below and on the cold cutting blades.

Always be extremely careful when using this type of saw, as excessive heat could quickly damage the paint applied to a steel and/or aluminum profile. At no time should the temperature of the panel being cut exceed 115 degrees C (240 degrees F). A new blade will cut at a maximum temperature of 110 degrees C (230 degrees F), while a worn blade will double this temperature. This is extremely damaging to the paint and therefore not covered by our warranty. The zinc layer that covers the steel is damaged at a temperature of about 200 - 250 degrees C (390 - 480 degrees F). It is therefore extremely important to frequently check the condition of the blades, the temperature of a worn blade will damage the zinc coating and the paint and the warranty will be revoked.

To obtain a clean cut and avoid damaging the one below, never cut more than one plank at a time.

IMPORTANT | Following any rotary saw cut, ensure the plank is thoroughly cleaned to remove all steel shavings and debris. Leftover steel particles may promote premature localized corrosion in areas adjacent to the cut edge.

A WORN BLADE | Signs of a worn blade:

- Bluing of the cut edge
- Bubbling on the paint near the cut edge
- Burrs
- Lots of sparks when cutting

Never cut more than one plank at a time, to ensure a clean cut and avoid damaging the plank underneath.

MAC
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5 SUGGESTED MODELS

The following metal blades have been tested to meet the maximum temperature requirement
for the paint warranty.

- Model D1490CF
  14 in. x 90 Tooth Cermet II, Saw Blade for Metals and Stainless Steel
  https://www.diablotools.com/products/D1490CF

- Model D1472CF
  14 in. x 72 Tooth Cermet II, Saw Blade for Metals and Stainless Steel
  https://www.diablotools.com/products/D1472CF

- Model D0770F
  7-1/4 in. x 70 Tooth Steel Demon Carbide-Tipped, Saw Blade for Metal
  https://www.diablotools.com/products/D0770F

- Model D0660F
  6-1/2 in. x 60 Tooth Steel Demon Saw Blade for Very Thin Mild Steels
  https://www.diablotools.com/products/D0660F

- Model A-96104
  5-7/8 in. x 52T Carbide-Tipped Saw Blade, Thin Metal
  https://www.makitatools.com/products/details/A-96104

Other brands of saw blades may be used as long as they meet the same technical specifications as stated in the manufacturers' data sheets of the above tested blades.

Be sure to respect the rpm limits indicated by the "cold cut" metal blades. These usually require a saw with a lower rotation speed, so be sure to use a tool with a rotation speed in accordance with the indications on the blade. For example, the blades were tested with the Metal Devil CSM14MB saw at a fixed speed of 1300 rpm for the 14 inches format and the Makita DCS551 saw at a fixed speed of 3900 rpm for the 5-7/8 inches format.

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