

SMILE PLASTICS

HOW TO
CUT ON THE
WALL SAW

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What You'll Need:

- Wall saw with a sharp fine-toothed circular saw blade
- Safety goggles
- Safety gloves
- Measuring tools (optional)

Steps:

1. Ensure that the wall saw is in good working condition and equipped with a clean, sharp, fine-toothed circular saw blade suitable for cutting plastics. Follow the manufacturer's instructions for installing and securing the saw blade onto the wall saw.
2. Place the material securely on the cutting surface of the wall saw. Use clamps or other appropriate methods to hold the material firmly in place and prevent it from moving during the cutting process. If necessary, use measuring tools to mark the desired cutting lines on the material.
3. Refer to the manufacturer's instructions for setting up the wall saw, including adjusting the cutting depth and blade speed. Ensure that the cutting parameters are suitable for cutting plastics and that the saw is set up for a slow and steady cutting pace.

4. Put on safety goggles and gloves to protect your eyes and hands from any debris or particles generated during the cutting process. Make sure that there are no obstructions or hazards in the vicinity of the wall saw.

5. Turn on the wall saw and initiate the cutting operation. Feed rates should be slow and consistent enough to give a good cut, but fast enough to avoid frictional rubbing at the cutting edge. You may find that passing the blade several times through the sheet at incremental depths is more effective at reducing heat build-up than doing one deep pass.

6. Keep a close eye on the cutting process to ensure that the saw blade is cutting through the material smoothly and evenly. Adjust the cutting speed or depth as needed to maintain optimal cutting performance and prevent overheating or melting of the plastic.

7. Once the cut is complete, turn off the wall saw and allow the saw blade to come to a complete stop before removing the cut piece of material from the cutting surface. Use caution to avoid touching the hot saw blade or freshly cut edges of the material.

8. Examine the cut piece closely to ensure that the dimensions and quality of the cut meet your requirements. You may find it is difficult to achieve fine finishes with sawing and further hand finishing is often recommended.

9. Remove any debris or swarf from the cutting surface and surrounding area. Proper clean-up helps to maintain a safe and tidy work environment and prolong the life of your wall saw.

MATERIALS REIMAGINED



Certificate Number 19268
ISO 9001, ISO 14001