HIGH DENSITY RECYCLED POLYSTYRENE (RPS) PANEL MOULDING INSTALLATION

TOOLS:

- Measuring tape
- Power miter saw with 80+ teeth blade or fine tooth hand saw and miter box
- Pencil
- Safety goggles
- Safety mask
- Pneumatic brad gun (18 gauge brads)
- Putty knife
- Level
- Caulking gun
- Paint brushes

MATERIALS:

- 18 Gauge brads
- Recycled polystyrene panel moulding
- Heavy duty construction adhesive such as **MP-25-ADH** or **Red Devil 077606** (For wall and joint application)
- High-quality all acrylic latex based paint
- Painter's all-purpose acrylic latex caulk
- Clean cloth or sponge
- 220 grit sandpaper

SAFETY:

Wear a safety mask or goggles when cutting the recycled polystyrene panel moulding.

WALL and CEILING PREPARATION:

Prior to installing the panel moulding, make sure your walls and ceiling are:

- Dust free
- Dry
- Grease free

If needed, lightly sand and wipe the surface with a damp cloth.

WORKING CONDITIONS:

Before installing Outwater's recycled polystyrene panel moulding, make sure the moulding and adhesives are placed at room temperature 24 hours before installation. This allows the material to adjust to the temperature of the room to **avoid expansion or contraction**.

The recommended room temperature to install the mouldings is between 50° to 95° Fahrenheit.

PAINTING:

Mouldings can be painted either before installation or after. It is up the installer. Use a high-quality **ALL ACRYLIC LATEX PAINT**. To cover seams and nail holes, use an **ALL-PURPOSE ACRYLIC LATEX CAULK**.

CUTTING:

We recommend using a saw blade with 80 teeth or better. Make sure to cut quickly for a clean cut. Quick strokes will avoid melting the material.

Some popular name brand blades that can be used are: Dewalt, Diablo, Makita.

If using a compound miter box, follow the manufacturer's instructions when mitering angles for inside or outside corners.

INSTALLATION:

High-density recycled polystyrene panel moulding can be glued, nailed, or both. It cuts just like wood and also copes just like wood.

- Use a level to mark a line with a pencil where the moulding will be installed.
- Apply a continuous ¼" bead of heavy duty constructions adhesive such as **MP-25-ADH** along the back edges of the panel moulding. When applying adhesive to seams, wipe away any excess adhesive immediately before it can harden. Once the adhesive has dried, repeat if necessary with adhesive or filler.
- Hold the panel moulding into place. Make sure it is tight against the wall. Follow the pencil mark.
- To speed up the installation process, you can use a pneumatic brad gun. Set the depth-of-drive adjustment to half way. **(Note: To help protect the work surface and allow proper setting of nail heads, test on a sample piece of moulding.)**
- Continue to install the next piece of moulding, making sure the ends butt together cleanly. Make sure to use adhesive in all joints. It is strongly recommended to splice panel mouldings with a scarf joint. A scarf joint is achieved by mitering the joining ends at 45° bevel angle from front to back. One piece will overlap the other.
- If the walls are irregular, fill any small gaps with **ALL-PURPOSE ACRYLIC LATEX CAULK**.
- When applying the **ALL-PURPOSE ACRYLIC CAULK** to fill in small gaps or holes from brads, use a putty knife. To clean the excess caulk, use a sponge or clean cloth. After drying, use a 220 grit sandpaper to make the surface smooth (if needed). This will allow you to touch-up or paint.