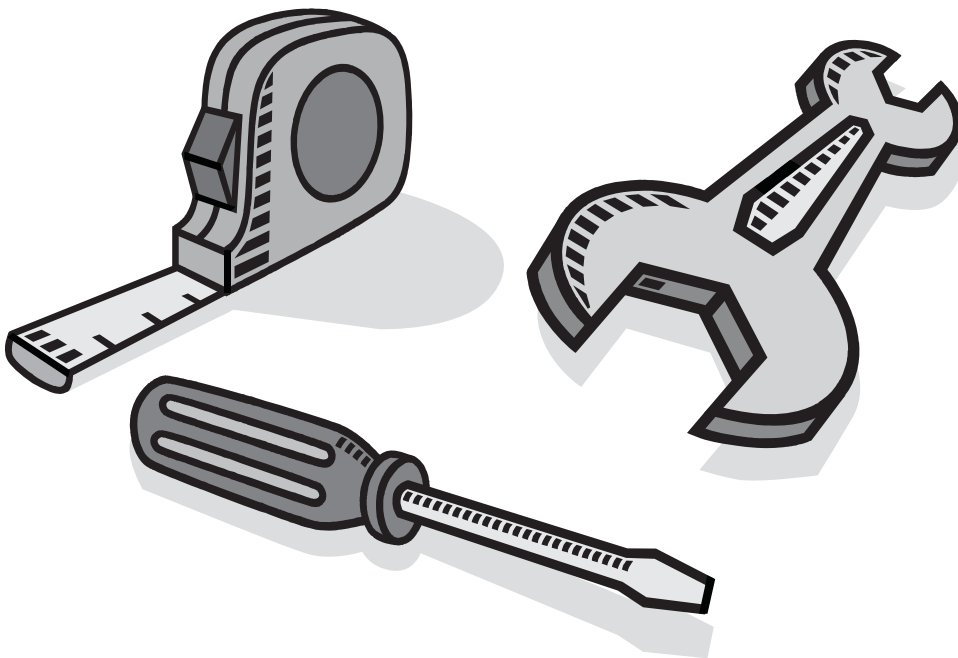


# Installation Guidelines





# Installation Guidelines

## Cladding System for PALOPAQUE™ HYG

### 1. Wall Preparation

The wall substrate must be **dry and free from any dirt, dust and grease**. Walls should be flat and even. Flatten high spots and fill in low spots. Remove wallpaper, soluble or loose paint and other foreign matter that would interfere with a good adhesive bond.

### 2. Concrete Block & Brick

Level uneven surfaces with plaster or concrete compounds. Use adhesive. Adhesive cannot be expected to adhere 100%.

### 3. Special Wall Conditions and High Humidity Rooms

Be sure concrete walls are well cured and completely dry. If concrete or brick walls are below grade or where moisture can penetrate and interfere with a good adhesive bond, use furring strips and install with mechanical fasteners.

### 4. Painted Surfaces

All loose paint must be removed. Adhesive will bond only to the paint, so make sure that paint is well adhered to wall. It may be necessary to use fasteners as well as adhesive to provide adequate bond strength.

### 5. Uneven Surfaces

Installation over uneven surfaces will result in less than 100% adhesion to the wall substrate, therefore creating the potential for air pockets to form behind the panels. This will not compromise the PALOPAQUE™ HYG system installation, provided the recommended spacing and sealing procedures have been followed.

#### Please Note:

PALOPAQUE HYG panels may discolor or deform when installed behind or near a heat source which radiates temperatures exceeding 55°C (130°F) such as stoves, ovens and deep fryers.

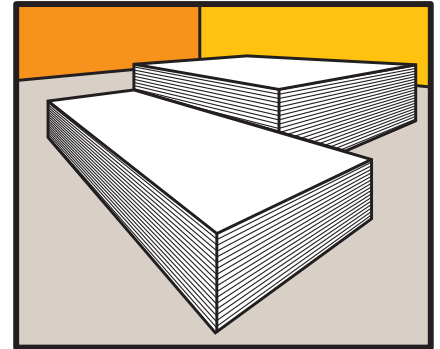


Figure 1

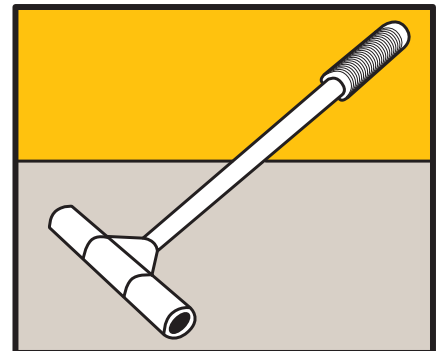


Figure 2

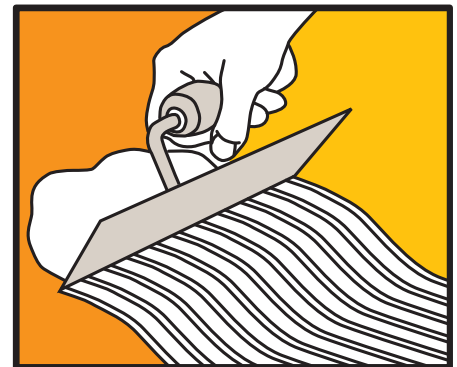
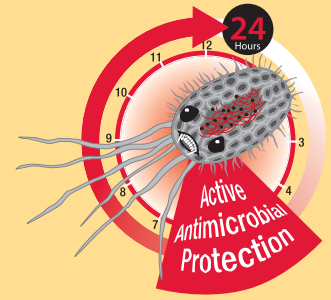


Figure 3



# Installation Guidelines

## Cladding System for PALOPAQUE™ HYG

### 6. High/Low Temperature Conditions

Follow guidelines for expansion/contraction allowance carefully. Make sure adhesive is recommended for use under these conditions. Follow adhesive manufacturer's installation recommendations carefully.

### 7. Applying Adhesive

Follow all the adhesive manufacturer's recommendations for appropriate height of adhesive bead left by trowel. The biggest problem encountered with adhesives installations is too much or too little adhesive. PALRAM recommends 100% adhesive coverage using a "crosshatch" type pattern. Make sure adhesive extends to all edges of the panel (fig. 3, 4, 5).

### 8. Attaching to Wall

Always start installation with the bottom profile: J-Connector (Fig. 6) or Floor Wall Cover (Fig. 7).

Start at a corner. Draw a vertical line. The first panel should be laid set precisely along a vertical line. Where several panels are used on a high wall, both vertical and horizontal lines should be used to assure alignment. Install one-piece corner profile. Apply silicone sealant in profile. Slide panel into profile and withdraw 3mm (Fig. 9). This will provide the appropriate gap as recommended. Align with plumb line. If installing with adhesive, begin in top corner nearest profile and with laminate roller begin rolling down and out towards the edge without the profile.

Working your way across the panel, continue rolling down and out, away from the previously installed panel or initial profile to remove all trapped air. Install fastener as each panel is being put into place and before right hand profile is put on. This will help work out any air pockets and help ensure a flat installation.

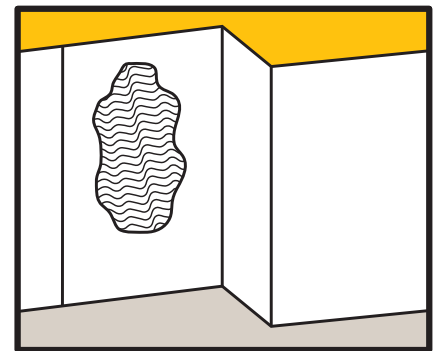


Figure 4

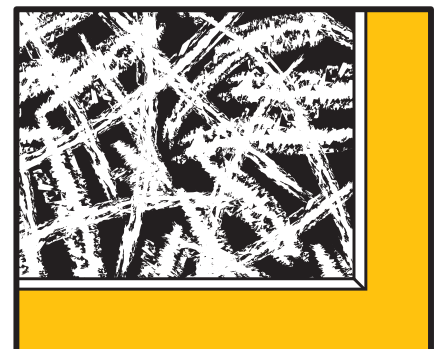


Figure 5

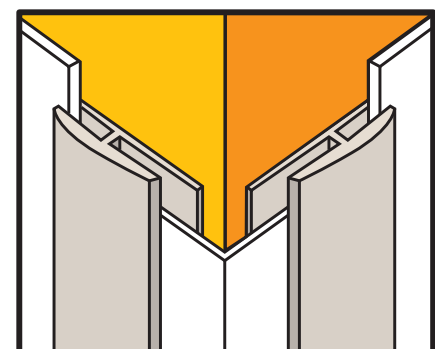


Figure 6



# Installation Guidelines

## Cladding System for PALOPAQUE™ HYG

Install one-piece division bar and caps on next extrusion by laying down bead of silicone in molding and sliding onto the panel.

Withdraw the extrusion 3mm again to provide proper spacing (Fig. 9). The free edge of the extrusion may be tacked in place if preferred before installing the next panel.

Repeat the process working in one direction around the room.

A few fasteners at the top above the ceiling grid line may be used to help hold the panel in place while adhesive cures.

**After the adhesive cures, these fasteners must be removed** as they do not allow for expansion and contraction.

Always put silicone sealant in all profiles and around all panel edges, fasteners, and fixtures to provide a moisture proof installation.

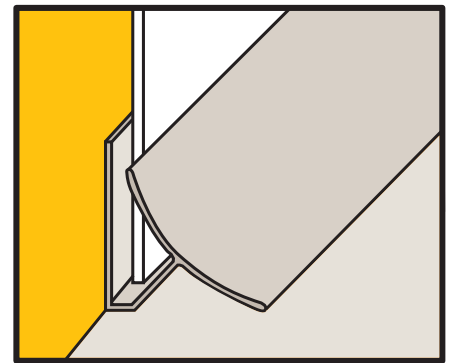


Figure 7

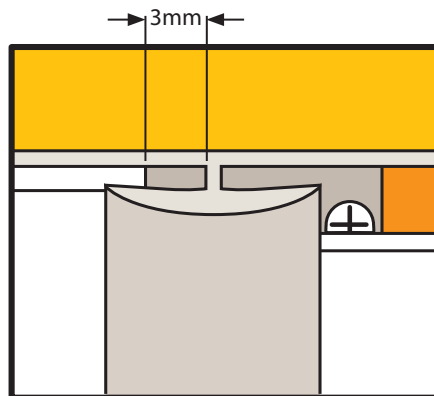


Figure 9

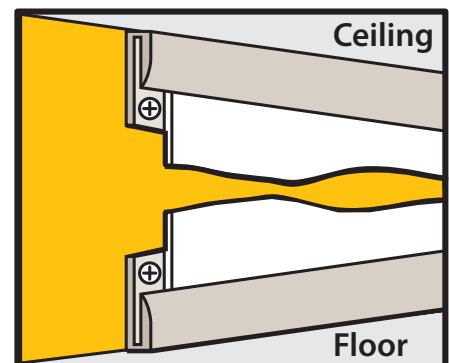
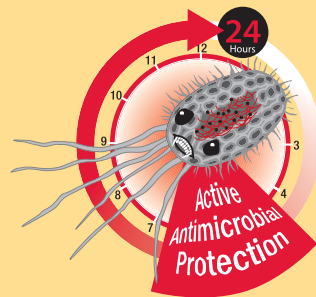


Figure 8

# Installation Guidelines

Cladding System for PALOPAQUE™ HYG



## Complete Wall Installation

