



Penetration Detail Instructions

Metacrylics has been in business over 35 years and has installed Millions of square feet of roofing worldwide.

Always pressure wash @ 3,000 psi all penetrations prior to detail repair.



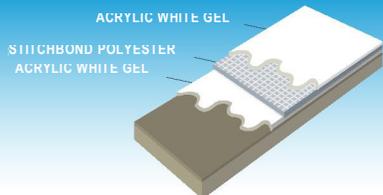
before



after



3 COURSE w/ GEL & FABRIC



GUTTERS

1. Thoroughly pressure wash @ a minimum of 3,000 PSI gutters. Apply Primer to gutters. Rusted areas of gutter must be replaced with new gutters.
2. 3-Course with GEL & FABRIC over all joints. Do not use Peel & Coat on any gutters!

PARAPETS COPING (CAP)

1. Thoroughly wash or pressure wash parapet coping. Prime coping, any rusted areas must be primed with Black Primer instead of Clear Primer.
2. Apply 4" Metacrylics Peel & Coat and (GEL or Clear BASE) or 3-Course with GEL & FABRIC over the top of the coping (cap) joints. Then coat with additional BASE & WHITE topcoat.

NOSINGS, EDGE FLASHINGS, & GRAVEL STOPS

1. Apply primer to all edge flashings, if new, then wipe with vinegar or suitable cleaning agent.
2. Apply 3-Course with 6"-9" FABRIC & GEL over the top of the edge flashings. Apply the 3-Course 3" on horizontal flashing and 3" on vertical flashing on the outside wall.

WOOD BLOCKS

1. Lift and remove block. Apply GEL or Acrylic BASE & WHITE coating to area. Allow to dry and replace block.
2. If damage to the roof occurs while removing block, then 3-Course with GEL & FABRIC and replace block when dry.

WOOD SLEEPERS (HVAC supports)

1. Jack up HVAC unit and remove sleeper. Install Metacrylics 1-Ply or granulated slip sheet under entire area of sleepers & HVAC, when the system is cured, replace sleepers. Be sure that lags attaching HVAC to sleepers are not too long and will not penetrate the Metacrylics Roof System.
2. If sleepers can not be moved or lifted, they must be completely encapsulated, and area under HVAC is flooded with Metacrylics and reinforced with fabric

HVAC DUCTS

1. Thoroughly pressure-wash all duct works @ a minimum of 3,000 PSI.
2. 3-Course duct works joints with Metacrylics Acrylic GEL & 4" Fabric or 4" Peel & Coat. For 10-year material warranty jobs (not the 10-year NDL system) use only GEL on joints without fabric.
3. Apply 2 gals/SQ of Metacrylics Acrylic White in two applications of 1 gals/SQ of Acrylic White.

SKYLIGHTS

1. 3-Course up side of skylight curb 6" (more or less dependent on the height of the curb) and onto the field area 3". Be careful not to cover any weep (drainage) holes in the skylight.
2. Apply Acrylic GEL to all exposed screw heads.

PITCH POCKETS

1. Fill pitch pocket with Metacrylics Acrylic GEL, then 3-Course with GEL & FABRIC over the top of the pitch pocket, down the base of the pitch pocket and at least 3" onto the roof.
2. Apply Acrylic GEL to the penetration exiting the pitch pocket for 10" in length.

SCUPPERS & DRAINS

1. Remove all old asphalt, mastic, & roofing materials around and inside scupper, for drains remove the drain screen & clamp ring & screws.
2. Thoroughly apply Metacrylics primer to scuppers & drains
3. SCUPPERS- Apply Metacrylics GEL liberally to inside and outside of the scupper. Then cut a 9"-20" square piece of fabric embed in the GEL. Sometimes overlapping 4" strips of fabric into GEL may be preferred dependent on the size of the scupper. Embed the fabric at least 4" into and around the inside of the scupper, and then apply a cover coat of Metacrylics Acrylic GEL.
4. DRAINS- After removing cover and unscrewing & removing drain ring, 3-course with GEL & FABRIC into the drain pipe at least 2". Then take a 20" or 40" square of fabric and place over drain (cutting hole out for drain) and 3-course, then reattached drain ring & screen cover.

Contact Metacrylics 800 660-6950 or visit www.metacrylics.com

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