

Corner Reinforcement

PRODUCTS INTERNATIONAL

Selection and Installation Recommendations for Corner Reinforcement to Reduce the Risk of Rusting

Omega Products International recommends the following to minimize or eliminate the risk of corner reinforcement accessories rusting in Diamond Wall one-coat or standard three-coat stucco applications. Failure to follow these recommendations may result in rust stains appearing on the finished surface.

According to ASTM C1063 (which is referenced in the IBC and IRC codes), corner reinforcement shall be fully embedded in the stucco brown coat. Omega Products recommends a minimum of 1/8-inch embedment in the stucco brown coat and that it never be visible.

Additionally, care should be taken during the floating or darbing operations to avoid damaging the surface of metal corner reinforcement. The corner reinforcement is more susceptible to rusting when the metal's protective finish has been compromised, particularly galvanized steel.

Omega Products recommends the use of PVC, zinc, stainless steel, or anodized aluminum external corner reinforcement products when one or more of the following conditions is present:

- High humidity environments
- High salt environments
- Acrylic finish coats utilized

If galvanized corner accessories are used in these environments, a method to reduce the likelihood of rusting is to apply a layer of base coat and mesh over the brown coat in the corners. Suggested base coats include: Omega FoamTek, CI-Base, DryBond, StyroGlue DryBond, or StyroGlue. Omega AkroFlex or CI-Mesh are recommended meshes. The base coat and mesh should extend approximately 4-inches on each side of the corner.

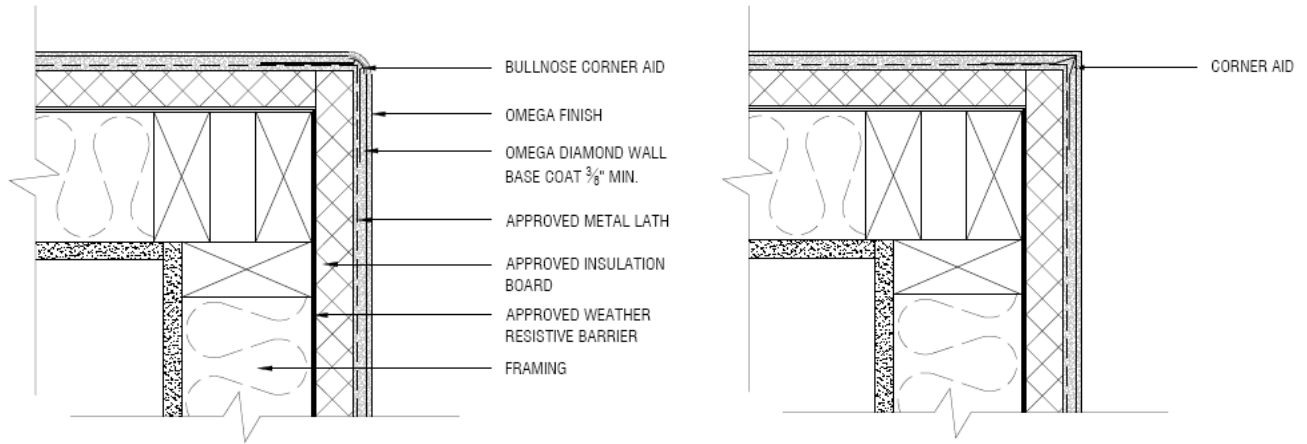


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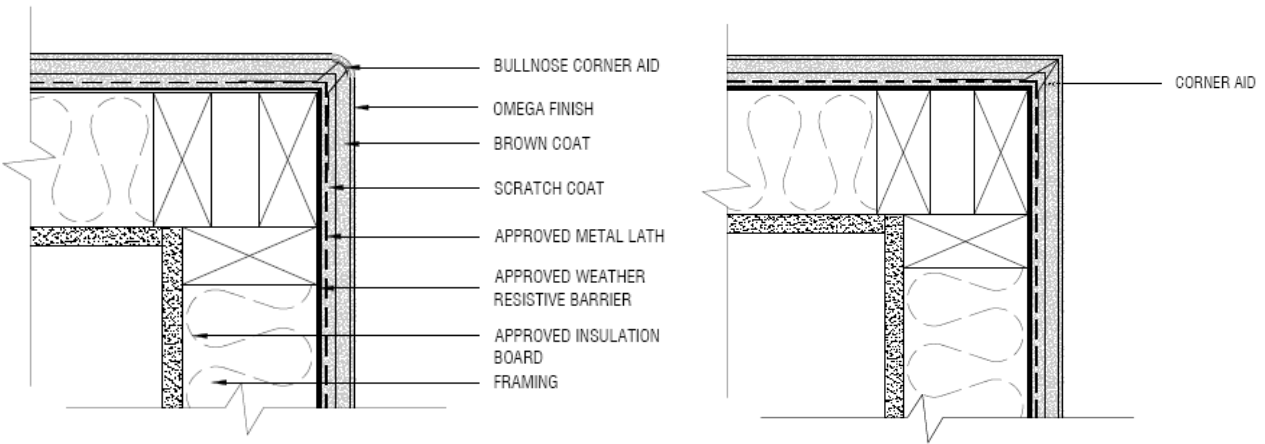
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Typical corner details for Diamond Wall One Coat Stucco



Typical corner details for three coat plaster

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