

SPECIFICATIONS

Short Form Specifications

Note: All specifications use [] to indicate architects' options.

LIGHTGUARD® Specifications

Install [2"] [3"] LIGHTGUARD insulation according to T. Clear specification 4.3.2 and 4.3.3 over [approved membrane]. All installations of the LIGHTGUARD Systems must be in accordance with current specifications approved by T. Clear, installed by a T. Clear Approved Contractor and will be covered by a warranty from T. Clear.

EPDM Specifications

Install [mil] EPDM water-proofing membrane material that meets the requirements of ASTM D 4637-87. The EPDM membrane shall be installed by experienced contractors that are approved for installation of the membrane by Clear [and the membrane supplier]. EPDM membrane shall be installed in accordance with the installation specification for taped seamed membranes by [Carlisle Syntec Systems] [Celotex Corporation] [Firestone Building Products] [Genflex Roofing Systems] [Manville Roofing Systems] [Versico, Inc.]; [The Architects Specification, approved by T. Clear]; [T. Clear].

Attachment of Membrane[Options]

[Fully Adhered]

EPDM taped seamed membrane shall be fully adhered to {{1/2" } {5/8" } Gypsum Board mechanically fastened over minimum 22 ga. steel deck meeting the requirements of the Steel Deck Institute} [Monolithic Concrete] [Concrete Panels] [Wood Fiber] following specifications for fully adhered systems.

[Mechanically Attached]

EPDM taped seamed membrane shall be mechanically fastened to {{minimum 22 ga.} Metal Deck} [Wood Deck] [Wood Fiber Deck] [Insulating Concrete Deck] [Existing Roofing System] which has an

air barrier [minimum 6 mil polyethylene] [selected vapor barrier material] applied over the deck and beneath mechanically attached [Gypsum Board] [Fire Classified Insulation] The [Gypsum Board] [Insulation] shall be fastened using a minimum of one fastener per two square feet. Installation of the air barrier shall be in accordance with the requirements of T. Clear Technical Note #20. The mechanical attachment of the membrane shall be adequate to resist a [60] [90] psf uplift. Existing membranes and some other decks may not require additional air barrier. Determination of the adequacy of the air barrier shall be made by the T. Clear Advisor/Inspector before membrane installation.

[Loose Laid]

EPDM taped seamed membrane shall be installed loose over {{minimum 22 ga.} Metal Deck} [Concrete Panels] [Wood Deck] [Wood Fiber Deck] [Insulating Concrete Deck] [Existing Roofing System] which has an air barrier [minimum 6 mil polyethylene] [selected vapor barrier material] applied over the deck and beneath mechanically attached [Gypsum Board] [Fire Classified Insulation]. The [Gypsum Board] [Insulation] shall be fastened using a minimum of one fastener per two square feet. Installation of the air barrier shall be in accordance with the requirements of T. Clear Technical Note #20. Existing membranes, or key grouted or sealed concrete panels and some other decks may not require additional air barrier. Determination of the adequacy of the air barrier shall be made by the T. Clear Advisor/Inspector before membrane installation.



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