

KnuckleHead

M-1[®] Structural Adhesive/Sealant

Moisture cure

Applies down to 32° F.

Bond strength – 400 psi

Excellent weathering characteristics
– remains elastomeric over many years

Adheres to common roof substrates
and to KnuckleHeads

100% solids – Will not shrink

Solvent-free, isocyanate-free,
low-VOC content, odorless,
non-flammable

Plastic, waterproof cartridge

Environmentally safe. No
toxic risk to contractors or
building occupants



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M-1[®] Polyether Structural Adhesive/Sealant



Chem Link M-1[®] is a superior structural adhesive/sealant that has been used in the construction industry for more than 25 years. It has earned a reputation for adhering to a wide range of construction materials, yielding a strong, long-lasting bond that exhibits excellent weathering characteristics. M-1[®]'s proprietary polyether 100% solids formulation relies on moisture-cure—there is no evaporation of solvents, so there is no shrinkage as with many adhesives that lose as much as 30-40% of their volume once solvents evaporate. M-1[®] is entirely safe—no risk of fire, explosion, toxic exposure to workers or building inhabitants. M-1[®] meets the requirements of California Regs: CARB, BAAQMD and SCAQMD. It does not contain cancer-causing chemicals listed in California Proposition 65. VOC content is less than 17 grams per liter.

M-1[®] and the KnuckleHead Support System



M-1[®] is a critical part of the KnuckleHead Support System because it functions as both an adhesive and a sealant and ensures the integrity and long life of the installation.

As an adhesive, it provides up to 400 psi of bond strength between the Universal Base and single-ply membranes or built-up roofs. Additionally, it can be applied directly to the head as an optional approach to a stronger, more permanent installation of strut, pipe or paver. And M-1[®] squeezed out of the base holes



functions as “rivets.” Also, when fully concealed mechanical fasteners are used to mechanically attach the Universal Base, M-1[®] can be applied to the fastener heads to form a waterproof seal. M-1[®] is so effective in this regard, it is used widely in the roofing industry for emergency repairs where it can be applied directly under ponding water to seal a leak instantly.



Strut Pipe Support



Solar Support



Lite Pipe Support



Heavy Pipe Support



Paver Support



Extensions