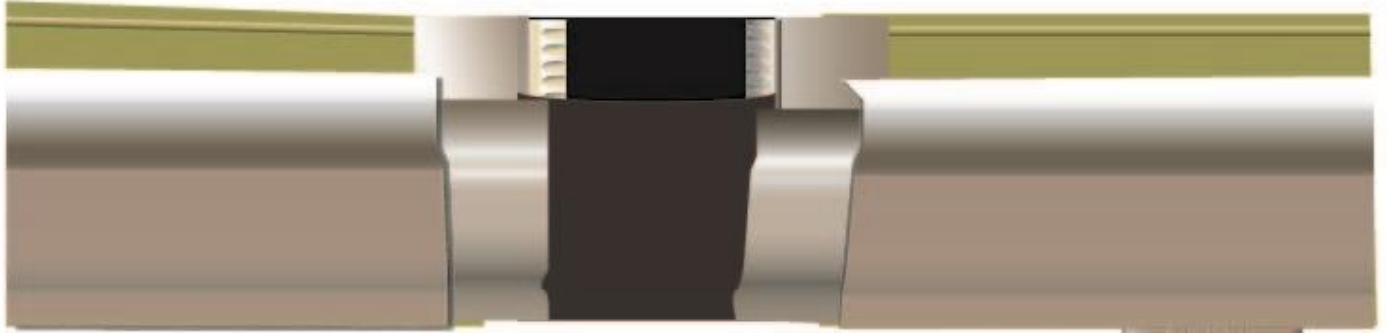


RECOMMENDED GUTTER INSTALLATION GUIDELINES



1. Inspect fascia board before installing gutters and replace if in poor condition.
2. Water is self-leveling. A pitch of 1/16" – 1/8" per ten feet is sufficient for proper water flow.
3. Expansion joints installed for every 40 feet of continuous run gutter will minimize buckling during extreme temperature swings.
4. Hangers installed every two feet.
5. Downspouts installed every 40 feet for adequate drainage.
6. Use 6" gutters or larger in areas of the country with high volume of rainfall.
7. Use 3x4 downspouts or larger for added drainage capacity. Larger downspouts are less likely to split apart during the winter with ice build-up.
8. Oversized inside miters minimize rainwater fly-off in the area of the roof with high rainwater velocity. The oversized inside miters are less noticeable than mounting rain diverters on the gutter.