ANATOMY OF A COMMERCIAL ROOF

Superior productivity.
Superior performance.
Typical mechanically attached single-ply roof assembly.

**FASTENERS:**
- Membrane fasteners & plates showing "in-seam fastening"
- Insulation fasteners & plates
  
  *All fasteners are driven into top flute of steel deck*

**ROOF LAYERS:**
- Roofing membrane
- Cover board *(not always required or used)*
- Insulation
- Steel deck *(deck types may vary)*
WE KNOW ROOFING

For nearly 40 years, OMG Roofing Products has been a leading supplier of fasteners and other products used exclusively in commercial roofing applications. We work with virtually every roof system manufacturer, and we have a large field sales force of nearly 60 in North America who are on commercial roofs every day. In short, we know all about commercial roofing. What works. What does not, and the best ways to secure products – including solar racking systems – to flat roofs. It's what we do, and we can help you too.

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Mechanically fastened thermoplastic (i.e. TPO or PVC) single-ply systems are among the most popular commercial roofing systems in the U.S. From the corrugated steel deck up, the roof assembly typically includes insulation, secured in place with insulation fasteners and plates or oversized washers. Sometimes a cover board (e.g. gypsum) is secured over the insulation using screws and plates, or an adhesive. The membrane or roof cover is secured over the top using a different set of screws and plates, installed along the edge of the membrane. The next section of membrane overlaps the installed fasteners and plates, encapsulating them. The seam is made by fusing the thermoplastic materials together with a hot-air welder to create a seam that can be made as strong as the membrane itself.

WHY THIS MATTERS

It's important to understand the anatomy of a commercial roof because OMG PowerGrip™ products are designed specifically for use on commercial roofs. In fact, PowerGrip Standard and PowerGrip Plus anchors are made using the same brand and type of thermoplastic material that's installed on the roof. The anchors are bonded to the roof cover using the same hot-air welding technique used to create watertight seams on the roof. Furthermore, all PowerGrip anchors, including the PowerGrip Universal 7 and 11, are secured directly to the structural roof deck using the same or similar fasteners that hold the roofing system in place. We know, because it's very likely that we made those original roof fasteners, too!
Visit the solar section of our website to learn more about these great products.

Proud members of:

For more information, please call 800.633.3800 or visit outofthestoneage.com.