

SINGLE-PLY TPO ROOF TYPE



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STELLAR ★
COMMERCIAL ROOFING®
A **COTTON** COMPANY

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YOUR DEVICE
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WHAT IS A TPO ROOF?

Thermoplastic polyolefin, or TPO, is a single-ply, reflective roofing membrane created by polymerizing polypropylene and ethylene-propylene rubber together. TPO roofs are quickly becoming one of the most popular roof types on the market due to their low-maintenance, energy-efficient characteristics and their resistance to hail, wind, moisture and weathering.

HOW IS A TPO ROOF INSTALLED?

Stellar installs this roof type by mechanically attaching it directly to the building's substrate. First, we lay down an insulation of certain thickness, which can be a variety of materials and all depends on the desired R-value that the owner would like. Then, we apply cover board on top of the insulation, which is then attached to the building's substrate with fasteners and metal plates. This provides a sturdy flat surface for the TPO. Finally, the TPO is rolled out in sheets starting at the bottom of the roof so that water does not get stuck in between the seams of each roll. Our crew will then weld the sheets together at the seams to create a weather-tight seal.

BENEFITS OF TPO ROOFS

There are many great benefits of upgrading your building to a single-ply retrofit roof system, including:

- + UV Reflection Properties
- + Low Maintenance
- + Budget Friendly
- + Tear, Puncture and Impact Resistant
- + Long Lasting
- + Improved Energy Efficiency

INDUSTRY APPLICATIONS

TPO roofs are applicable for many types of buildings due to their resistance to hail. They provide excellent energy efficiency for buildings in areas that experience extreme temperatures throughout the year, and the roofs' Class A fire rating makes these an optimal choice for restaurants or areas prone to wild fires. Our roofing experts recommend this roof type on the following buildings:



STORAGE



RETAIL



EDUCATION



INDUSTRIAL



MULTI-FAMILY



RELIGIOUS

STELLAR WARRANTY

WORKMANSHIP WARRANTY

DEDICATED WARRANTY DEPARTMENT | NETWORK OF SERVICE PROVIDERS | 24/7 RESPONSE

