

Clipper Construction Recommends Common Materials for Commercial Flat Roofs in Baltimore

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Clipper Construction, a tech-enabled commercial general contracting firm based in Baltimore, MD, shares the most common materials used for commercial flat roofs in Baltimore. This is due to the increasing demand for transparency in construction practices, and the company recognizes the importance of providing this information to businesses and property owners in the Baltimore area. By being aware of the available materials, stakeholders can make informed decisions based on their budget, environmental concerns, and long-term maintenance requirements.

"Flat roofs are commonly used in commercial construction for several reasons. They provide more space that can be used effectively which is great for rooftop installations such as HVAC units or solar panels. Additionally, flat roofs are typically more cost-effective to install and maintain compared to pitched roofs, which is why they're favored by many businesses in Baltimore," says a spokesperson for Clipper Construction.

There are various materials available for the construction of flat roofs, including built-up roofing (BUR), modified bitumen, and single-ply membranes such as EPDM, PVC, and TPO. Spray-applied coatings can also be used for roof restoration and repair. BUR roofs are comprised of multiple layers of asphalt or tar felt reinforced with fiberglass or polyester mats, which provide excellent waterproofing and durability. Modified bitumen roofing is made of asphalt-based sheets modified with rubber or plastic additives to improve flexibility and weather resistance. Single-ply membranes are lightweight and flexible, with EPDM known for its longevity and resistance to UV radiation, PVC roofing for its durability and chemical resistance, and TPO roofing for its heat-welded seams and energy efficiency. Polyurethane or silicone spray-applied coatings create seamless and waterproof membranes perfect for repairing and restoring roofs. Additional information about PVC roofing can be read at https://www.digitaljournal.com/pr/news/press-advantage/clipper-construction-delivers-top-notch-commercial-1901554490.html

The performance of flat roofing materials in Baltimore's climate and environmental conditions may vary. However, built-up roofing and modified bitumen are well-suited to Baltimore's climate due to their excellent resistance to temperature fluctuations and extreme weather conditions. Additionally, their robust construction provides protection against moisture infiltration, which is essential in Baltimore's humid climate. Single-ply membranes such as EPDM, PVC, and TPO also perform well in Baltimore's climate. EPDM offers superior resistance to weathering and thermal shock, PVC provides resistance to chemicals and pollutants, and TPO reflects UV rays to reduce heat absorption.

Businesses must consider various factors while selecting materials for their flat roofs to ensure optimal longevity and performance. Clipper Construction recommends evaluating factors such as climate, building usage, maintenance requirements, and budget constraints. Different materials provide varying levels of durability, weather resistance, and maintenance needs. For instance, thermoplastic polyolefin (TPO) and ethylene propylene diene terpolymer (EPDM) are popular choices due to their flexibility, resistance to UV radiation, and easy installation. Built-up roofing (BUR) systems, comprising multiple layers of asphalt and reinforcing fabric, provide excellent waterproofing and durability but may require more intensive maintenance. Proper material selection is critical as it directly impacts the roof's ability to withstand environmental stressors, resist leaks, and maintain structural integrity over time.

Clipper Construction offers a range of services related to flat roof installation, repair, and maintenance. They provide expert assistance in material selection during the installation phase to ensure the most suitable materials are chosen for durability, weather resistance, and energy efficiency. Additionally, they oversee proper installation techniques, including insulation placement, waterproofing membranes, and drainage systems, to prevent future issues. For repair work, Clipper Construction conducts thorough inspections to identify any damages, such as leaks or membrane deterioration and provides prompt and effective repair solutions to prevent further damage to the structure. They also offer preventive maintenance plans, including

regular inspections and cleaning, to extend the roof's lifespan and minimize unexpected repair costs.

To inquire about commercial construction in Baltimore, visit Clipper Construction's website to fill out a contact form or contact them directly via email or phone.

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For more information about Clipper Construction, contact the company here:Clipper ConstructionClipper Construction(443) 323-1880info@clipper.construction1354 Cooksie St, Baltimore, MD 21230

Clipper Construction

Clipper Construction is a tech-enabled Commercial General Contracting firm providing construction services across several verticals including retail/office fit-out, adaptive reuse, historical restoration and mixed-use development.

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