

Maxam MCO® Concrete Forming Products, Overlays, Facings and Panels

MCO® (Maxam Composite Overlay) is a unique, advanced composite material that provides quick, clean release from cured concrete for many pours without any form oil or other release agent. MCO® leaves a clean, smooth architectural finish on the concrete each time, minimizing the requirements and associated costs for finishing the cured concrete. Unlike other facings, MCO® does not deteriorate as it is being used for successive pours, and especially with high alkalinity concrete formulations, it provides the same quality finish on the 100th or more pour as it did on the first pour, without needing to oil the forms.

MCO® reduces potential safety risks to work crews and site contamination resulting from the use of oil or other release agents, as well as the number of times panels need to be replaced in forming systems and recycled or disposed of in landfills.

In standardized testing (APA Abrasion Resistance After Chemical Exposure Test), which uses the ASTM D 4060 Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser after soaking samples in a caustic solution simulating concrete exposure, our MCO® overlay lasts 4 to 6 times longer than conventional HDO (High Density Overlay) products.

MCO® Features Include:

- Does not require form oils or other release agents
- Provides a consistent high quality architectural finish
- Highly alkaline resistant
- Takes a chalk line
- Thermo-formable and can be provided with patterns for decorative applications
- Easily cleaned with water
- Can be cut, nailed and screwed into using standard jobsite tools
- Field repairable

Maxam's Family of Forming Products Includes:

MCO®-Faced Plywood Panels

These panels are MCO™ factory-laminated onto structurally rated plywood, edge-sealed and with a moisture-barrier back. They can be used in concrete forming systems or for forms that are hand-built at the project site.

MCO®-Faced Futura™ Structural Light Weight Panels

These panels replace the plywood substrates used for concrete forming panels, and can reduce significantly the weight and improve the fuel efficiency of trailers and other transportation vehicles. The panels are supplied with a Composite Profile Core, which has aluminum caps and an MCO® overlay on one side. These panels have no plywood layers to delaminate and weigh significantly less than standard structural plywood panels.

MCO® "Peel & Apply" Facings

This unique "peel & apply" adhesive allows contractors to re-face their existing wood, aluminum and steel forming panels, and line pre-cast forms. The structural foam-supported adhesive bridges minor holes/gouges in, and hides irregular or uneven areas on, the surface of existing forms. This Facing can be curled or bent by hand for use on forms with a radius, including the interior and exterior faces of column forms, or shaped for use as a liner for precast applications. The panels can be supplied with Foam-supported Adhesive, Standard Adhesive or No Adhesive.

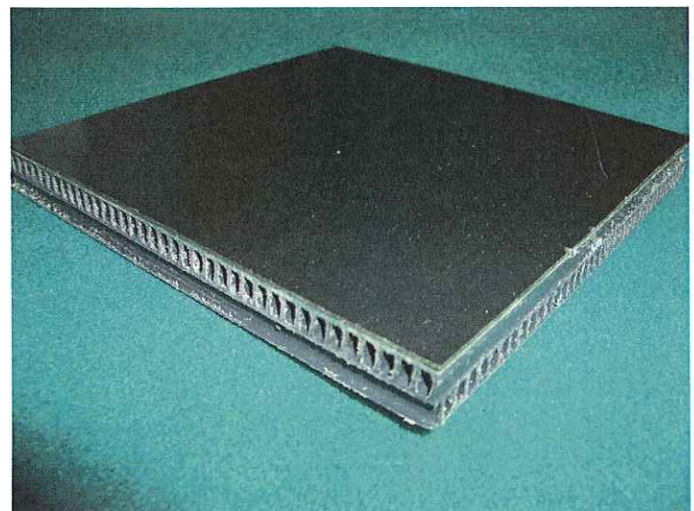
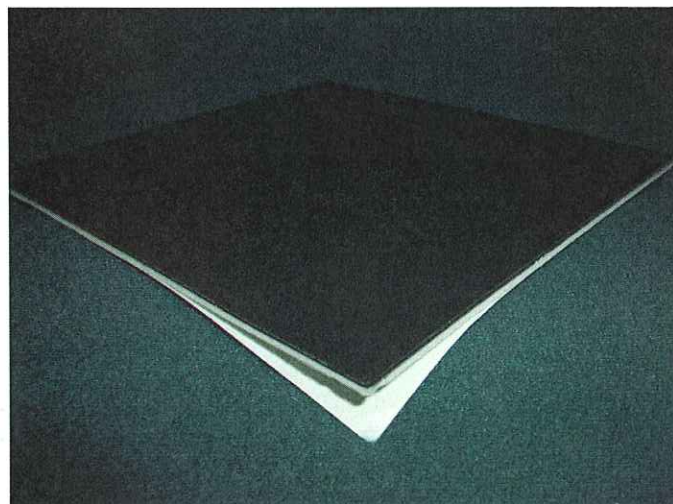
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Examples of MCO® Plywood panels being used on a job-built form



MCO® used in deck forms in a major high-rise building



Examples of "Peel & Apply" MCO® Facings and Futura™ Composite Panels