



FULL CONTACT HONEYCOMB INTERNAL FLOATING ROOF

Innovative in both form and function, our precision engineered Full Contact Honeycomb Internal Floating Roof (IFR) eliminates design issues that have historically plagued the industry and still exist with other IFR brands on the market today. Unlike other brands, Matrix Applied Technologies' IFR allows for increased tank capacity, minimal evaporation, improved fire safety, and extended service life with minimal maintenance.

When it comes to quality, performance and value over the life of the asset, Matrix Applied Technologies' Full Contact Honeycomb IFR is unmatched in the industry.

A HIGHER STANDARD IN PRODUCTS.

FULL CONTACT IFR

Premier Performance

Matrix Applied Technologies' Full Contact Honeycomb IFR meets industry standards for low emissions, is designed to allow attachment of a peripheral foam dam system that meets the latest version of fire protection standard NPFA11 and offers a variety of seal options to meet requirements for the product being stored or area regulations.

Simple Assembly and Maintenance

Shipped in either a 20ft. or 40ft. container, our patent-pending clamping method makes assembly simple and efficient, and our herringbone design provides for added roof strength. All components are designed to pass through a minimum 1500mm x 300mm tank opening.

Each honeycomb panel is equipped with a test plug to perform sniff tests during product leak inspections. And, where other brands bond or weld their honeycomb panels together, if a panel on a Matrix Applied Technologies' IFR is found to be damaged or leaking, it can be replaced without discarding the entire floating roof by simply unbolting and replacing the panel.

Load Capacity 1000lb/ft²

API 650 Appendix H requires that IFRs be capable of withstanding a concentrated load of 500lb/ft². Matrix Applied Technologies has confirmed, through testing, that our Full Contact Honeycomb IFR can withstand 1000 lb/ft², and accordingly, we guarantee our IFRs meet this standard.

Stainless Steel Fasteners

Matrix Applied Technologies' IFRs use only high-quality stainless steel fasteners which provide exceptional resistance to corrosion, durable strength, and stiffness. Our stainless steel fasteners are also coated in liquid Teflon to prevent "galling" when tightening during installation.

Suspending Options

Matrix Applied Technologies' IFRs can be suspended using either cable or chain, providing significant operational advantages over conventional IFRs with legs. Suspending the IFR by either cable or chain allows for floor scanning; easier floor repair, free of leg interference; adjustment of high and low leg positions from outside the tank while the tank is in service; and increased tank working volume.

Extruded Rim

Matrix Applied Technologies IFRs utilize a heavy-duty aluminum extruded rim, making it better able to resist deformation caused by wave action in the tank as the result of turbulence caused by pumping or the use of mixers and gas slugs. This extruded rim also allows for easy fitting of a shoe seal without rim reinforcement.



For more information
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