

The background of the advertisement is a vibrant cityscape under a clear blue sky with scattered white clouds. In the foreground, a modern, white, curved bridge structure spans across a body of water. The bridge has a unique, wing-like design. In the background, several tall, modern skyscrapers with glass facades rise against the sky. One of the buildings has a construction crane on top. The overall scene is bright and clear, suggesting a sunny day.

South Cone
STONCOR

Líder Mundial en Recubrimientos Protectores, Adhesivos Estructurales, Grouts e Impermeabilizaciones

QUIENES SOMOS?

RPM
\$5.3 billion

CONSUMER SEGMENT
\$1.75 billion (33%)



SPECIALTY SEGMENT
\$753 million (14%)



INDUSTRIAL SEGMENT
\$2.81 billion (53%)



Building the World An **RPM** Company **Fibergrate** Composite Structures

Nuestra Estructura Regional



MARCAS PRINCIPALES



PAÍSES

STONCOR
AFRICA

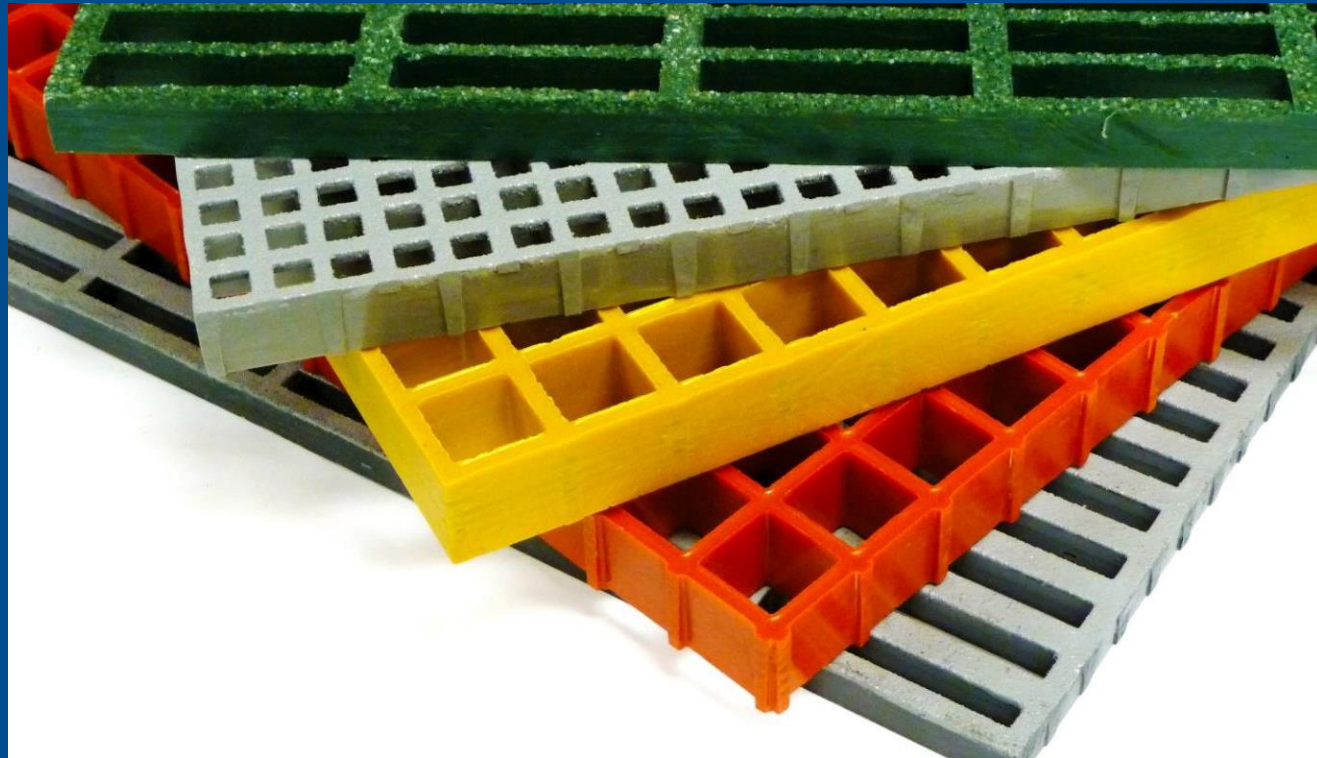
STONCOR
MIDDLE EAST

STONCOR
INDIA

STONCOR
SOUTH CONE

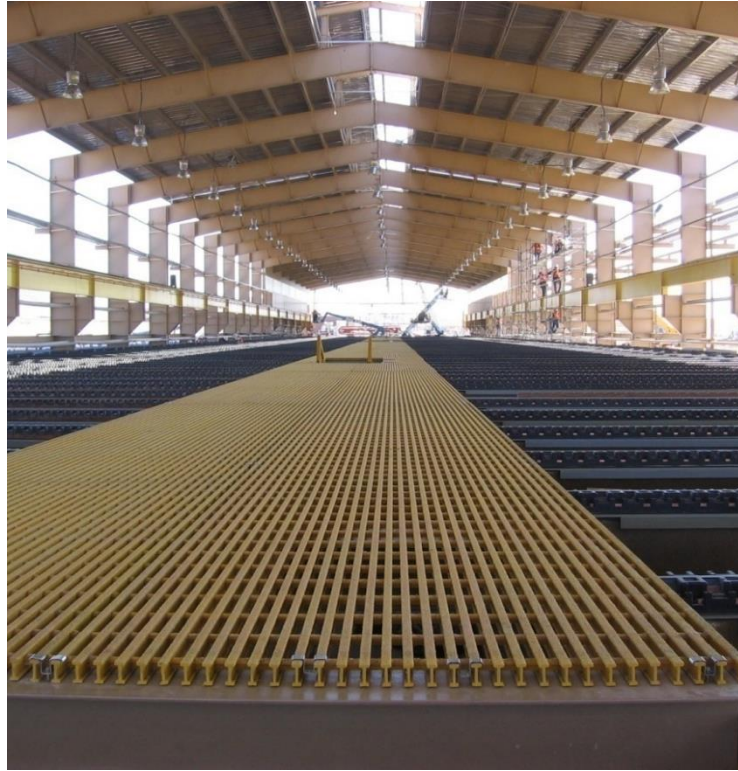
Fibergrate

Composite Structures



Building the World to Last®





PRFV: MATERIALES FABRICADOS CON RESINAS Y FIBRAS DE VIDRIO

Building the World to Last[®]



PRFV – BENEFICIOS DEL FRP



- **Alta resistencia anticorrosiva**
- **Antideslizantes**
- **Retardantes al fuego**
- **No requieren ningún mantenimiento**
- **No conduce la electricidad y el calor**

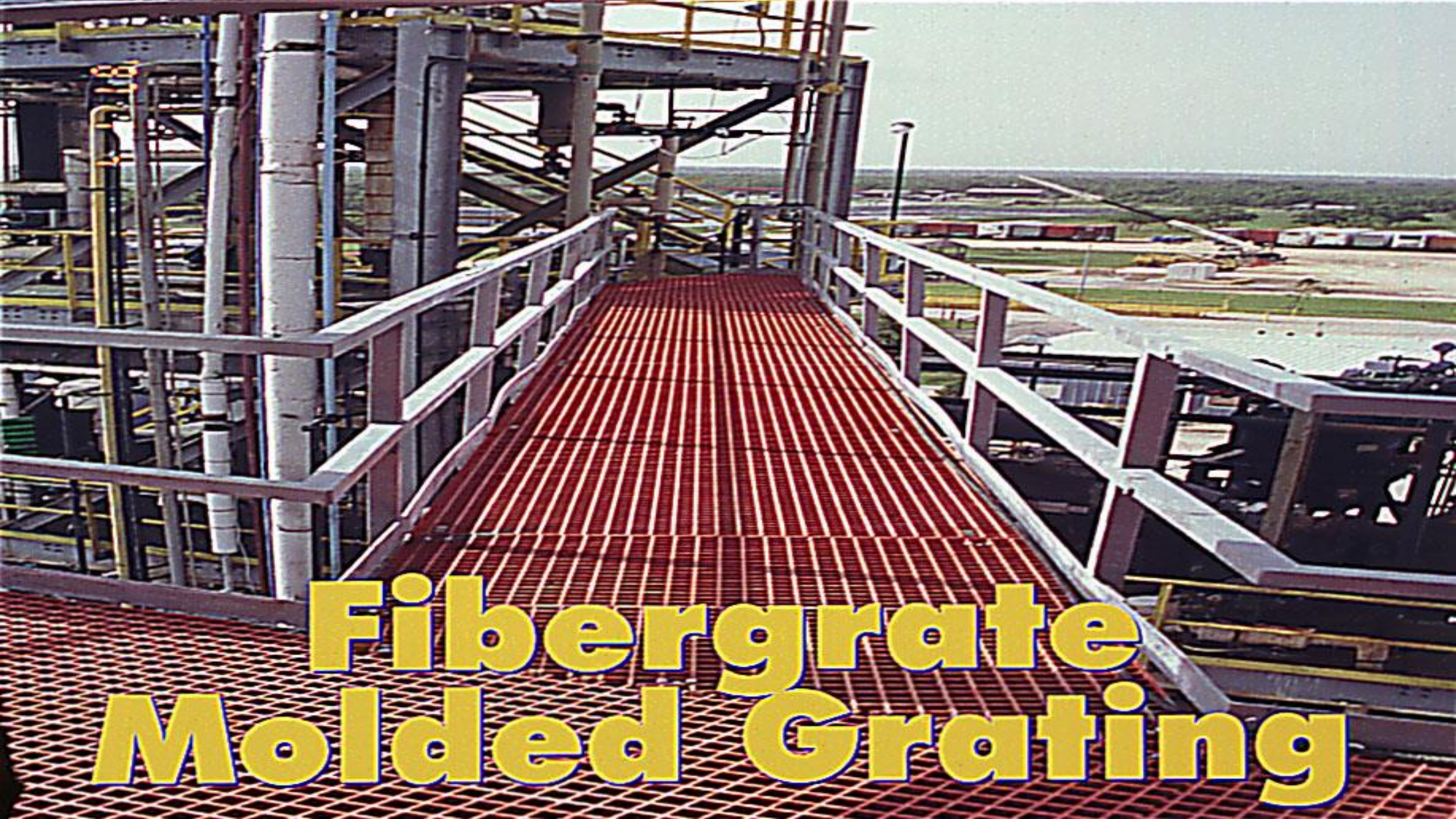
Building the World to Last[®]

PRFV – MÁS BENEFICIOS DEL FRP



- **Bajo costo de instalación**
- **Larga duración**
- **Alta resistencia al impacto**
- **Elevada relación resistencia-peso**
- **Certificación NSF 61**

Building the World to Last[®]



Fibergrate Molded Grating

The image shows a close-up, perspective view of several parallel, golden-colored metal grating bars. Each bar has a textured, granular surface. The bars are supported by a series of vertical I-beam-like structures underneath, which are also golden-colored. The background is a plain, light color.

Safe-T-Span®

Industrial & Pedestrian Grade Gratings

- **Long span capability**
- **High strength & rigidity**
- **For moderately corrosive environments**

DYNAFORM[®] PERFILES EN PRFV



Building the World to Last[®]



DYNARAIL[®] BARANDAS Y ESCALERAS



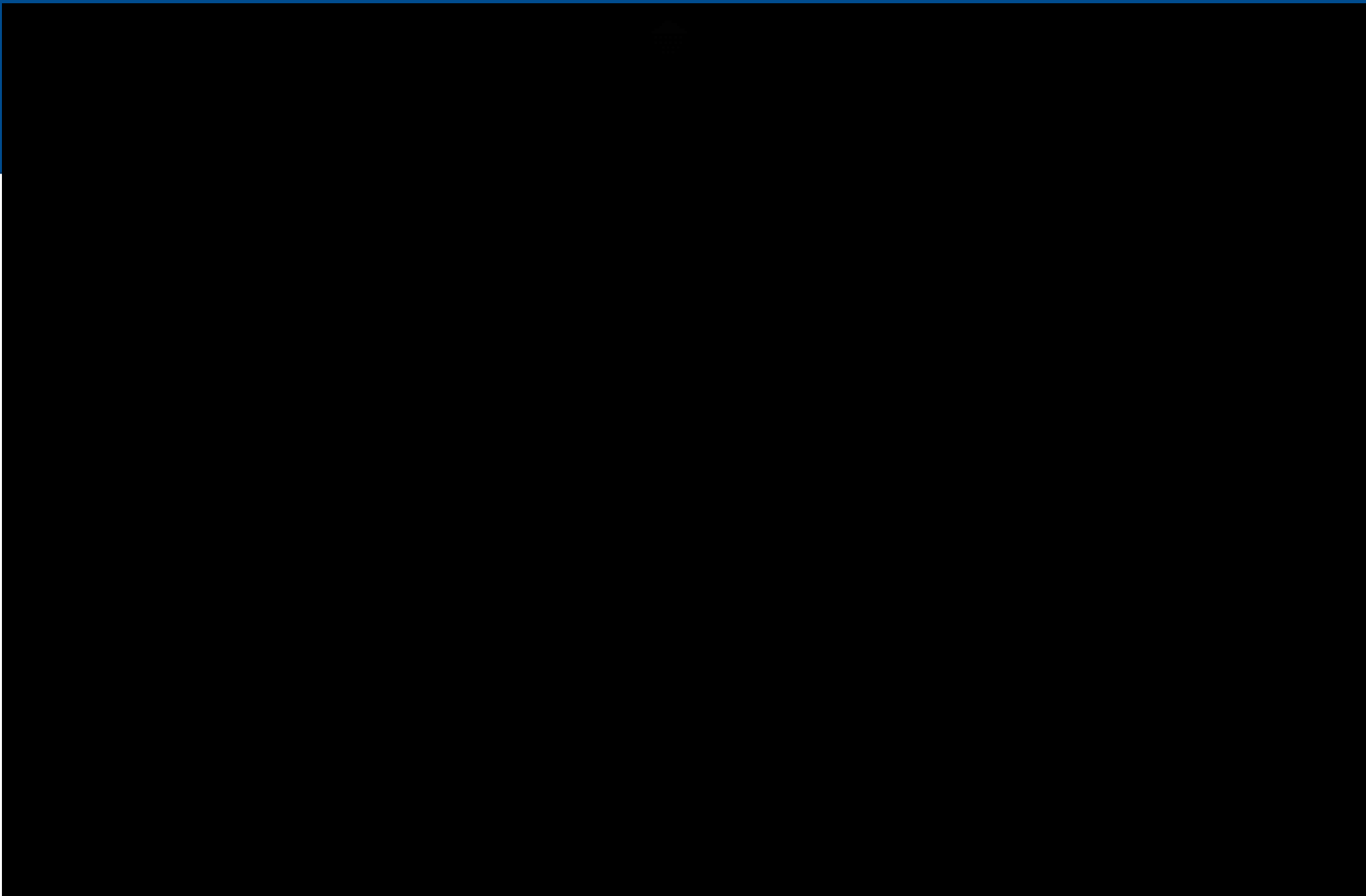
Building the World to Last[®]



¿POR QUÉ USAR PRFV EN LUGAR DE ACERO?

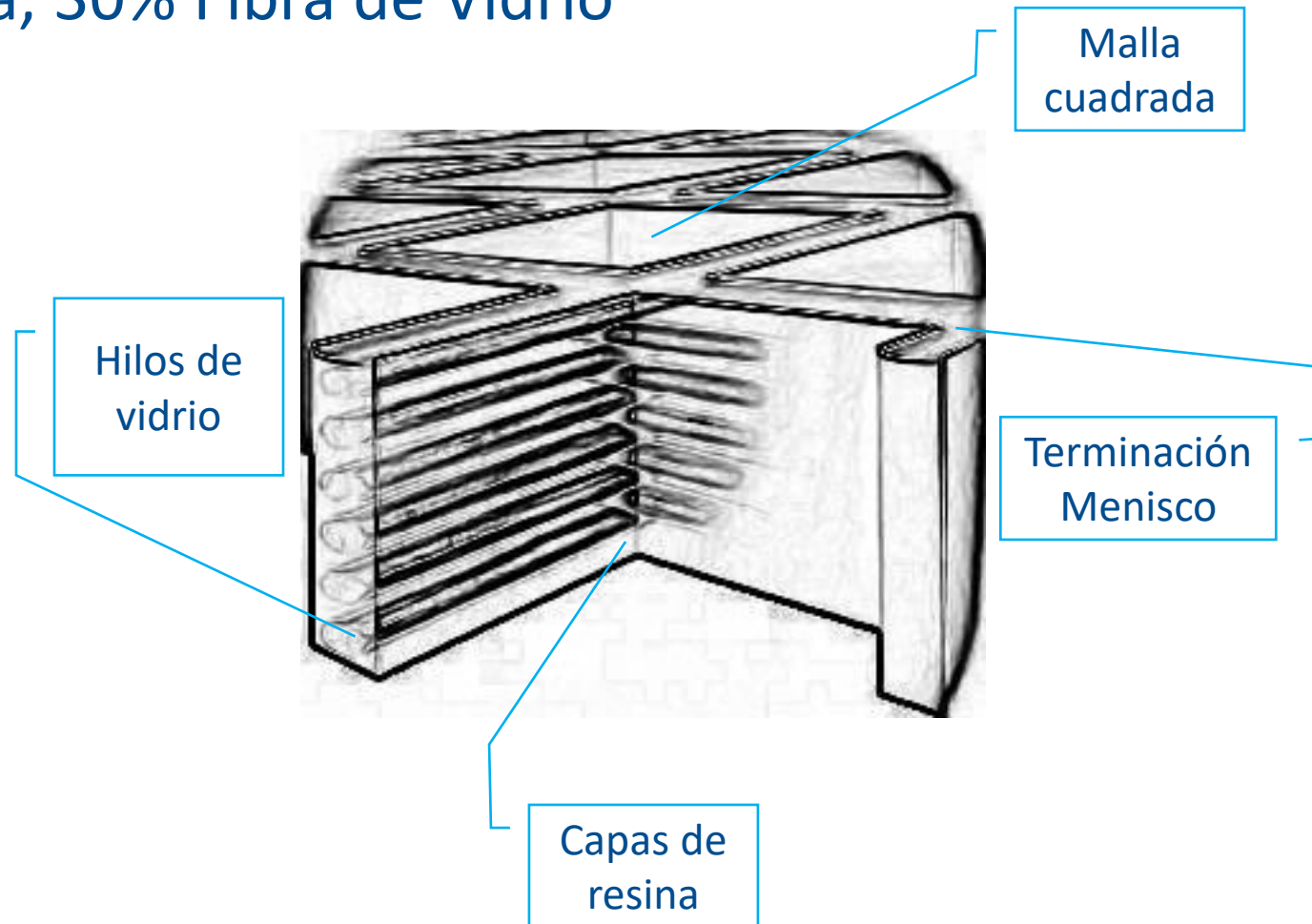
Building the World to Last[®]





FIBERGRATE® REJILLAS MOLDEADAS

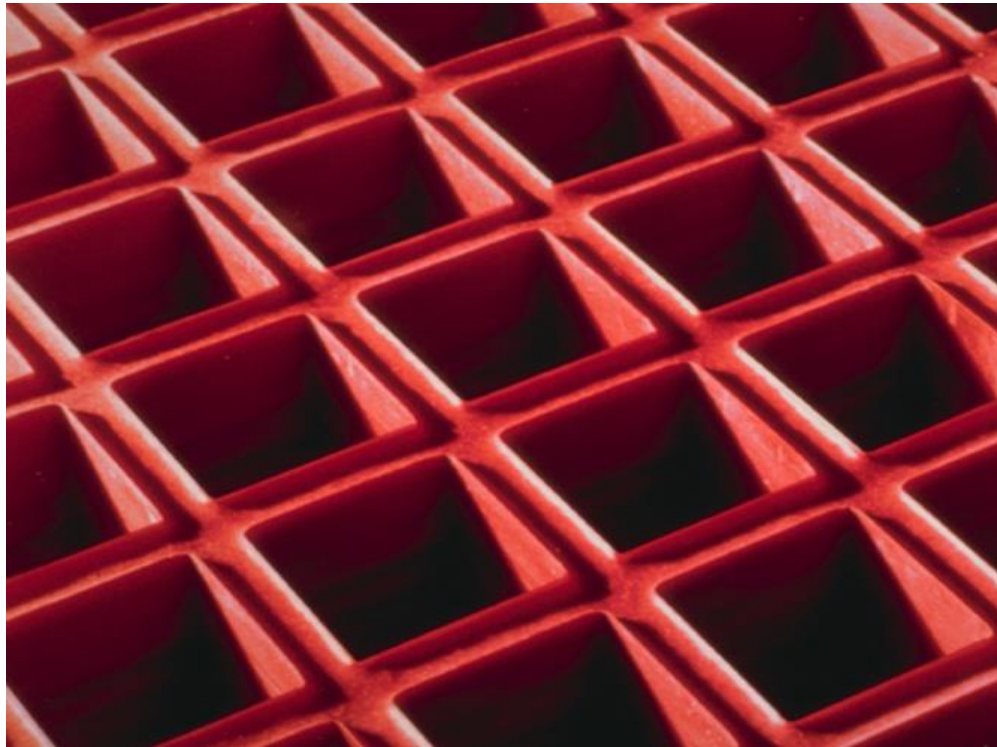
- 70% Resina, 30% Fibra de Vidrio



Building the World to Last®

EL PROCESO DE MOLDEADO

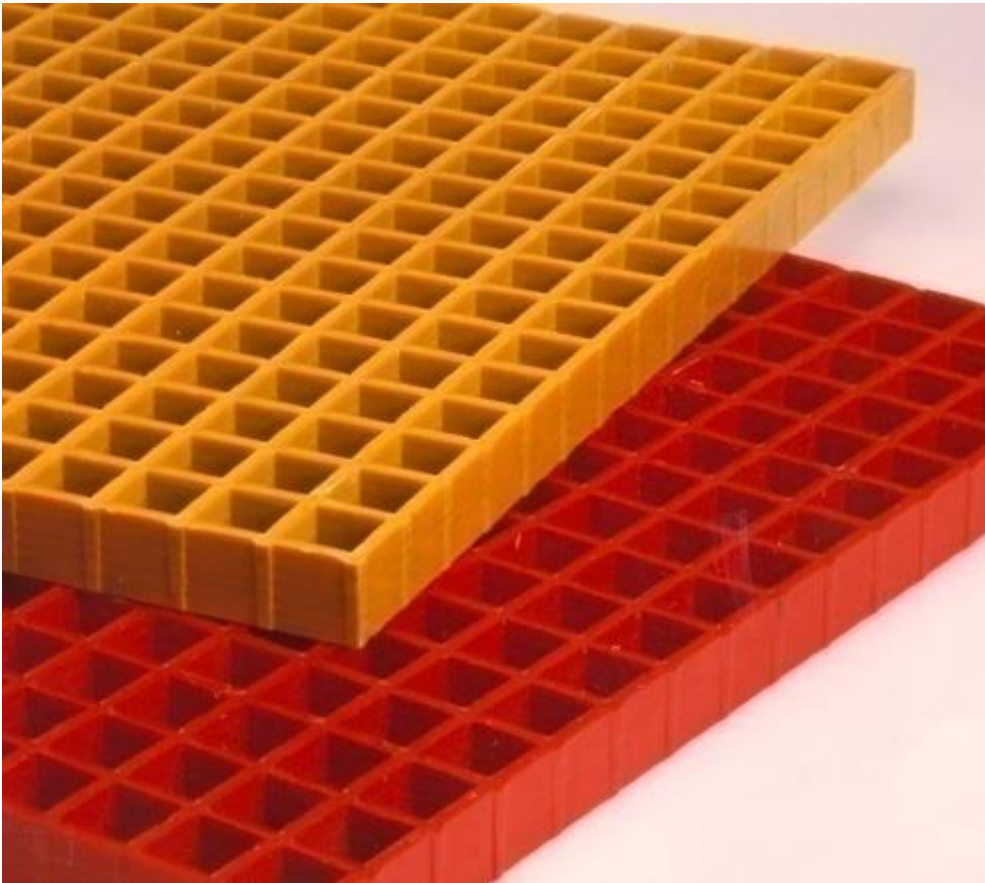
- Proceso en moldes abiertos



Building the World to Last®



MOLDED GRATING



Ventajas

- Mayor Resistencia a la corrosión
- Superficie Menisco
- Resistencia Bi-Direccional
- Mayor Resistencia al Impacto

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FIBERGRATE® REJILLAS MOLDEADAS



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FIBERGRATE® REJILLAS MOLDEADAS

Sistemas Standard de Resinas

- 6 tipos de resinas disponibles (ViCorr; Corvex; FGI-AM, Fenólicas)
- Fibergrate ofrece mas resinas que nadie en la industria

Sistemas Especiales de Resinas

- 3 tipos de resinas disponibles (Super Vicorr; XFR, ELS)

Retardantes de Fuego

- Las resinas incluyen aditivos retardantes al fuego (ASTM E-84) R<25

Building the World to Last®



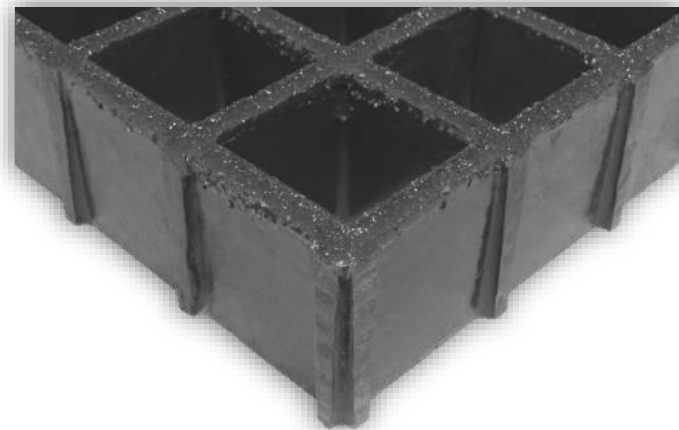
SUPERFICIES DE REJILLAS MOLDEADAS

- Superficies de terminación de las rejillas
- Acabado menisco (concavo)
- Acabado con cuarzo agregado

Meniscus (Concave)



Integrally Applied Grit Top



Building the World to Last[®]

REJILLAS MOLDEADAS ESPECIALES

7 Espesores desde 1/2" a 2"

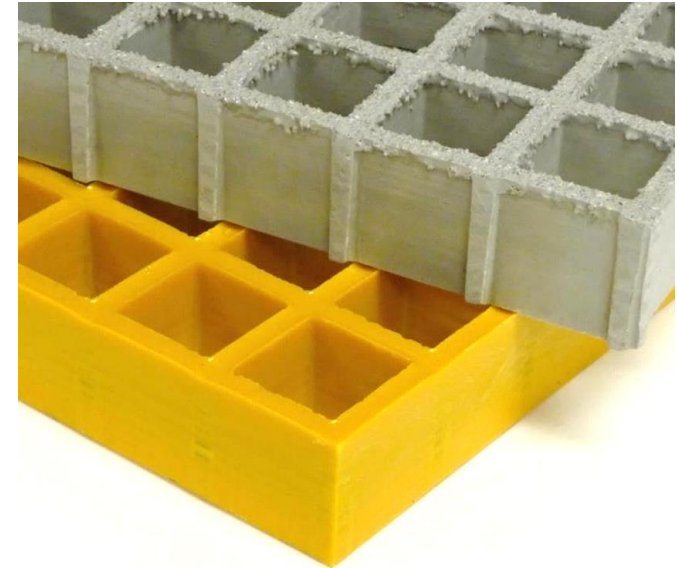
2 Configuraciones de la malla

- Cuadrada o Rectangular

8 Tamaños de Paneles

- Más comunes: 2' x 2', 3' x 10', 4' x 8', 4' x 12', 6' x 4' and 5' x10'

20+ Resinas estandar y especiales

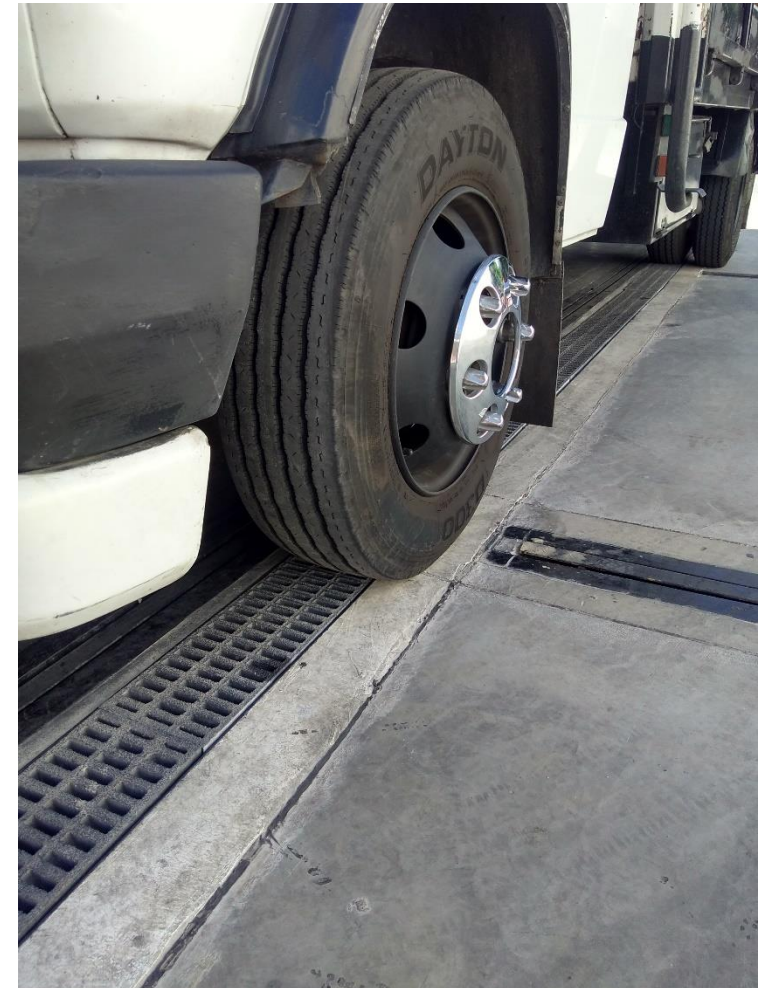
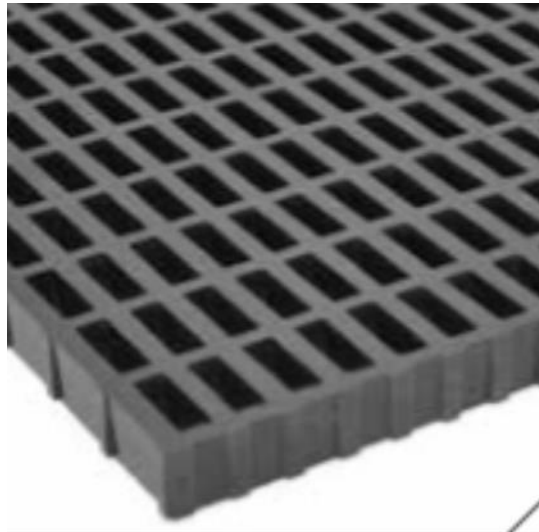


Building the World to Last®



REJILLAS MOLDEADAS ESPECIALES HLC






- Espesores de 1", 1-1/2", 2",
- AASHTO Standard Truck Loading
- FRP + Resistencia de carga + anticorrosiva



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REJILLAS MOLDEADAS ESPECIALES HLC

	Wheel Load (kg) - 1/2 Axle Load +30% Impact	Load Distribution		Allowable Span ^{2,3}	
		Parallel To Axle (mm) ¹	Perpendicular To Axle (mm)	38mm Deep HLC Molded Grating	51mm Deep HLC Molded Grating
 AASHTO Standard Truck ⁴ / 14,515 kg Axle Load Dual Wheels(*formerly AASHTO H-20)	9,434	508 + 102	203	356mm	432mm
 Automobile Traffic / 2,268 kg Vehicle 680 kg Load / 55% Drive Axle Load	998	203 + 102	203	660mm	813mm
 4,536 kg Capacity Forklift / 6,532 kg Vehicle 11,068 kg Total Load / 85% Drive Axle Load	6,114	279 + 102	279	330mm	432mm
 2,722 kg Capacity Forklift / 4,445 kg Vehicle 7,167 kg Total Load / 85% Drive Axle Load	3,960	178 + 102	178	304mm	406mm
 907 kg Capacity Forklift / 1,905 kg Vehicle 2,812 kg Total Load / 85% Drive Axle Load	1,554	102 + 102	102	483mm	635mm

Notes:

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50 KILOJOULE IMPACT TEST

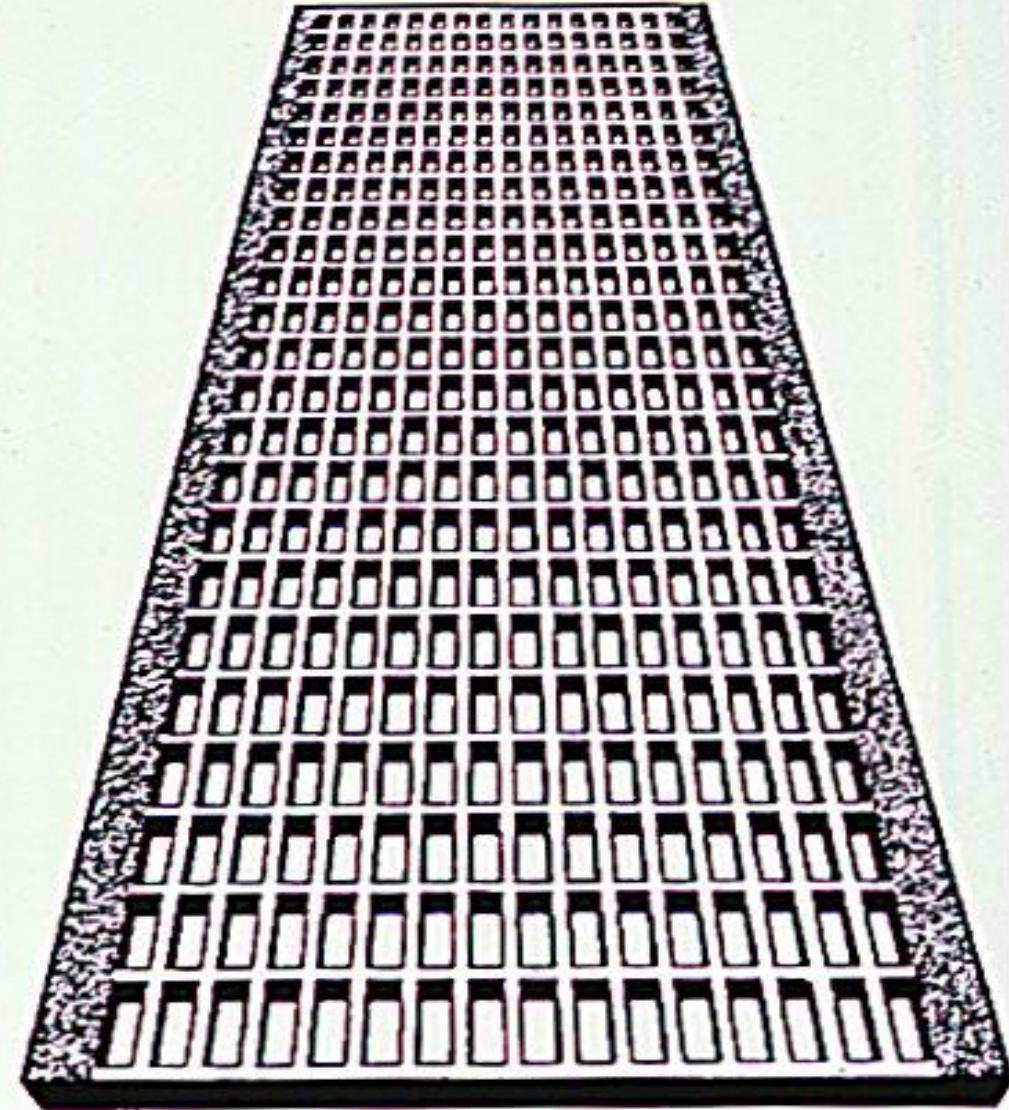
Escalones Moldeados

TAMAÑO DE LOS PANELES:

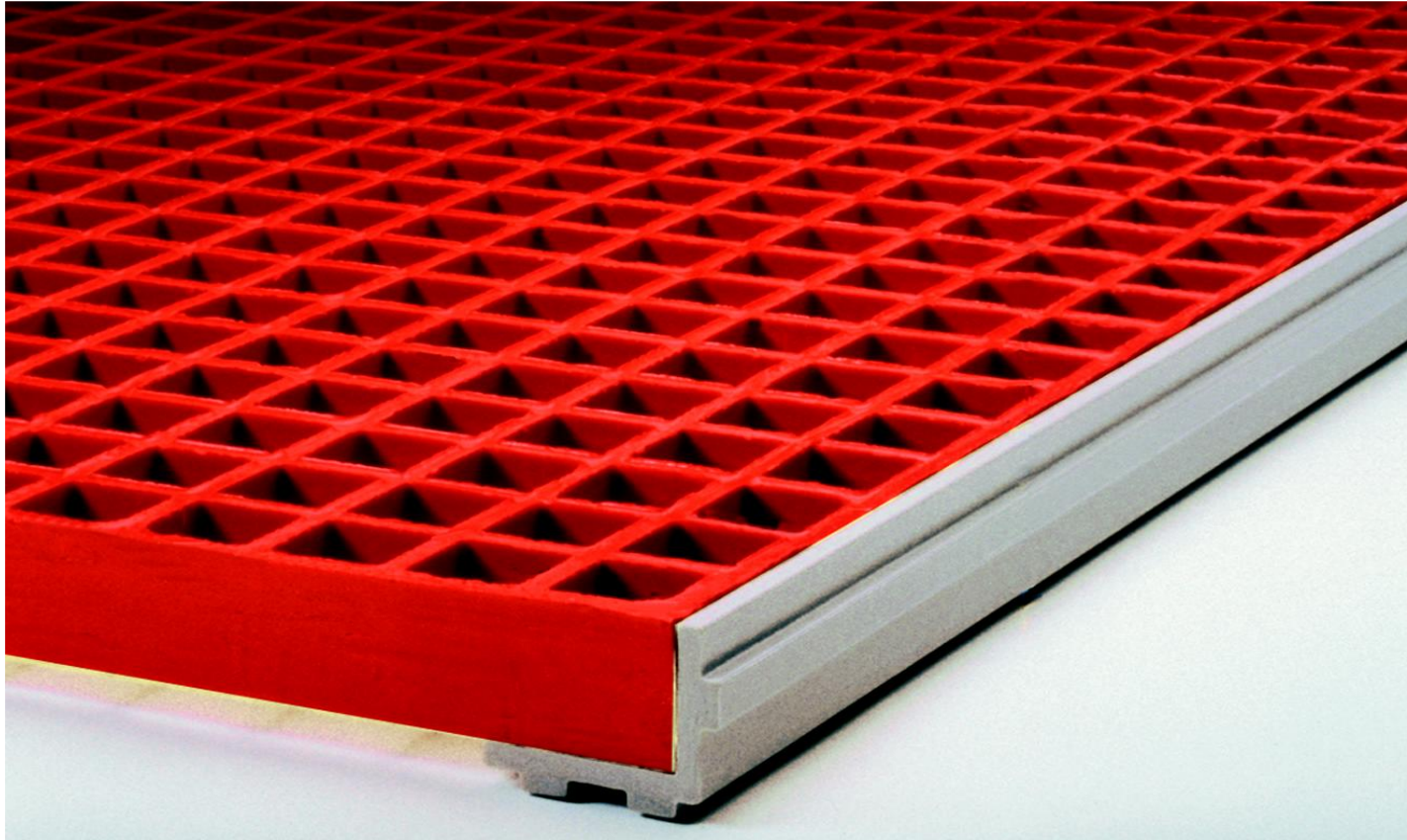
- Fibertred®
 - 22-1/2" x 120"
- Chemtred®
 - 21-1/2" x 120-1/2"
 - 27-3/8" x 144-1/2"



Available in all resins
Disponibles en todas las resinas standard



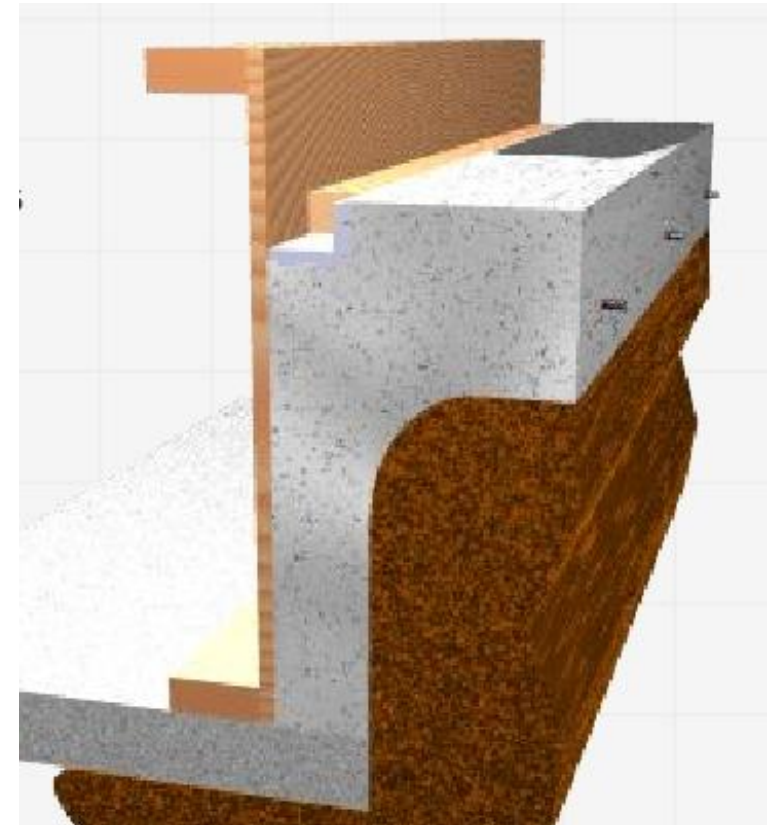
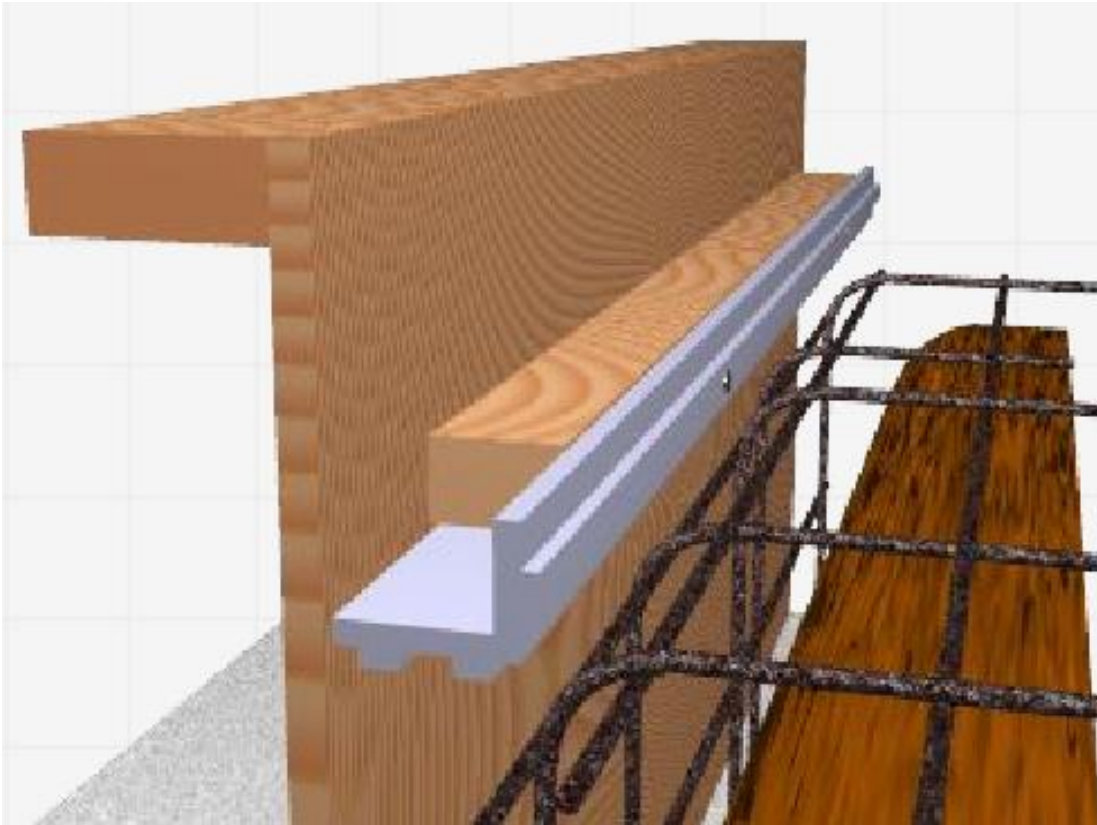
ÁNGULOS PARA CANALES



Building the World to Last[®]



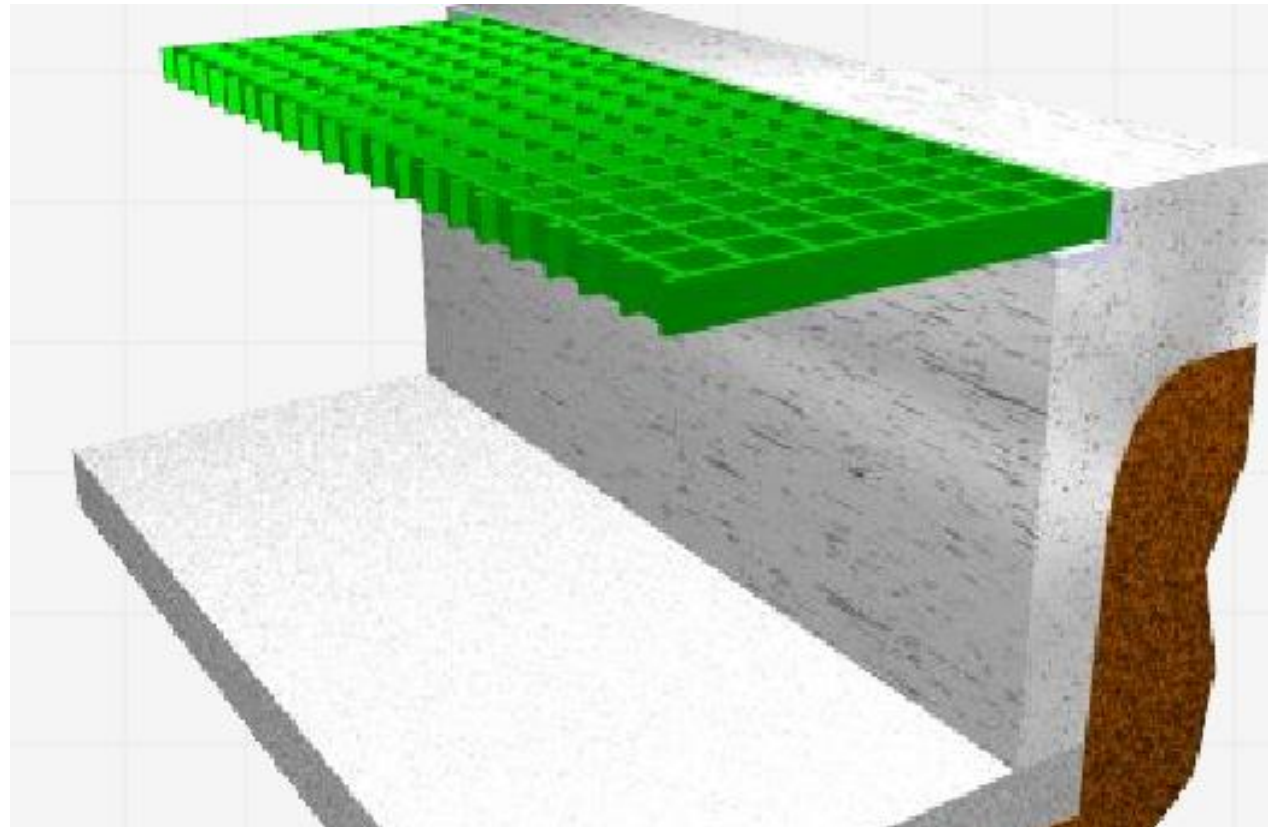
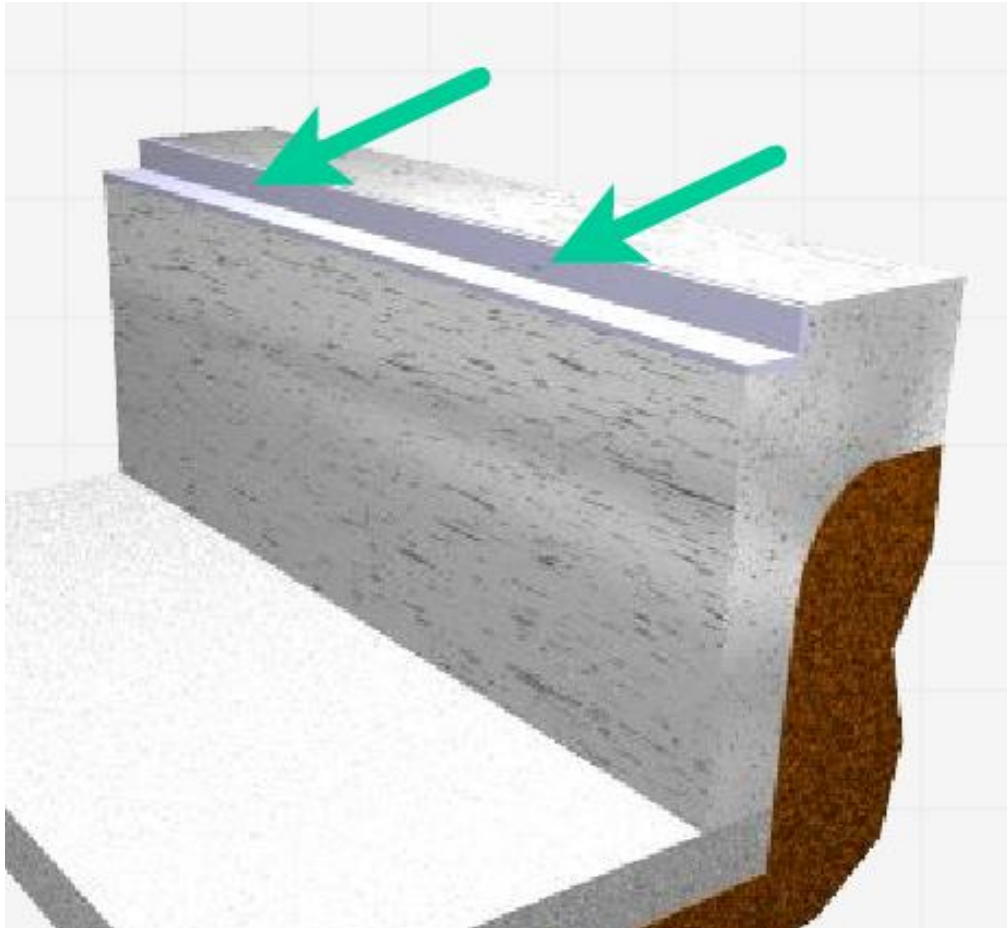
ÁNGULOS PARA CANALES



Building the World to Last[®]



ÁNGULOS PARA CANALES



Building the World to Last®



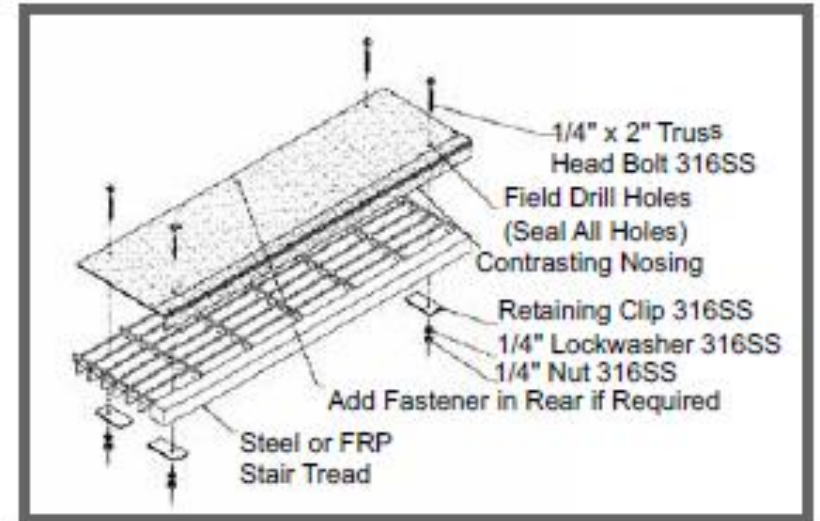
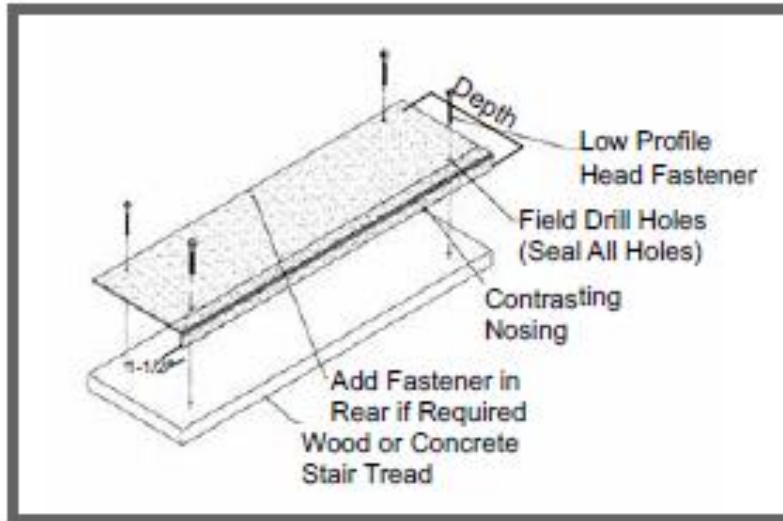
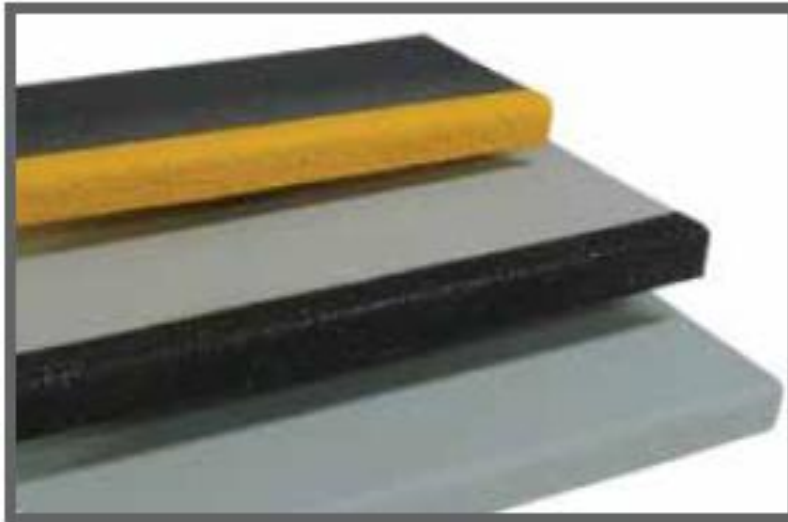
ÁNGULO DE CANALES



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CUBRE ESCALONES



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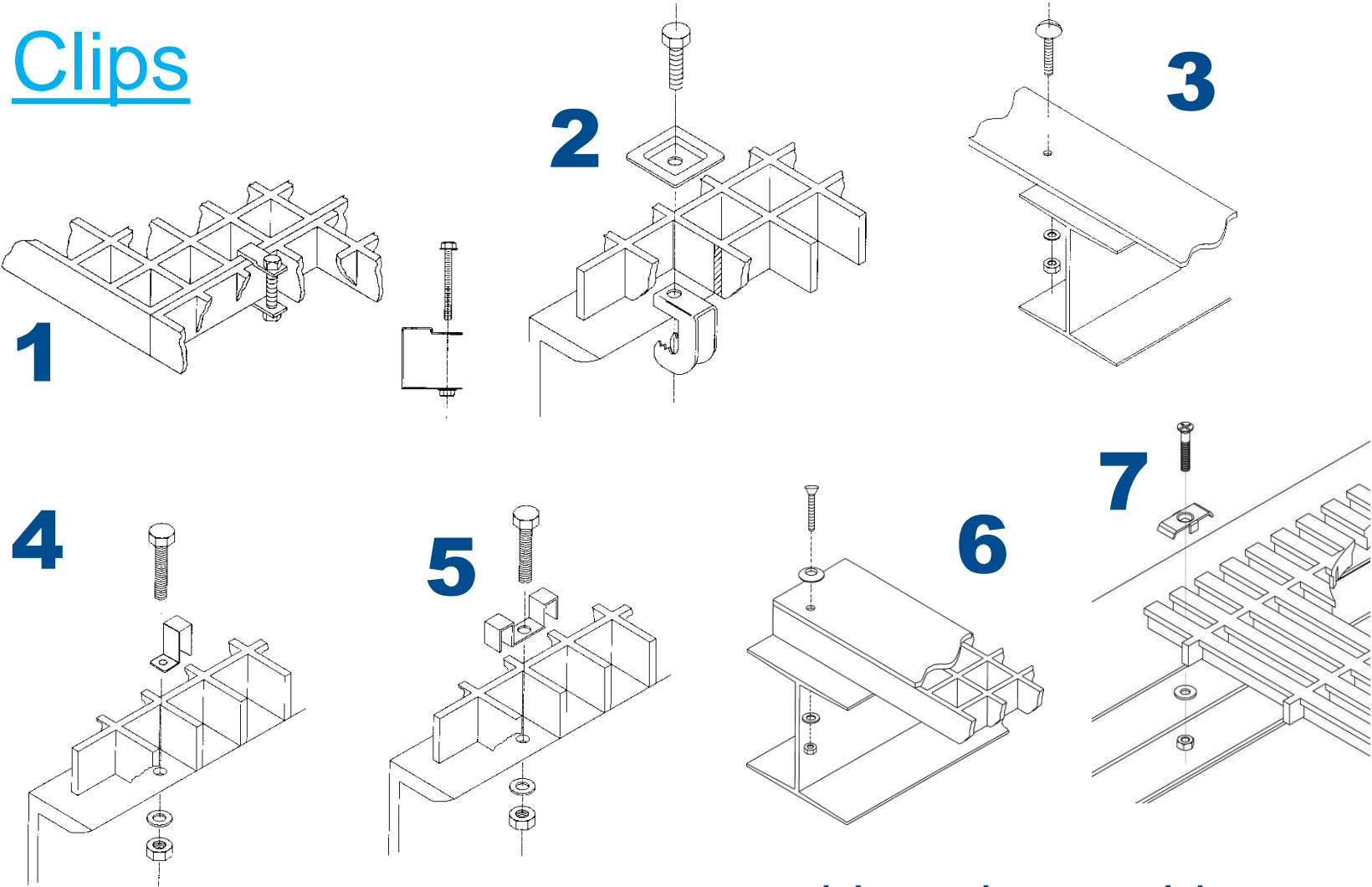


- 
- Dota a escalones existentes de terminación antideslizante
 - Base realizada con varias capas de mat de fibra de vidrio
 - Oxido de aluminio como mordiente para máxima durabilidad
 - Construcción en varios tamaños y resinas

Fiberplate®
Cubre Escalones

MOLDED GRATING

Clips



Building the World to Last®



GUÍA DE RESISTENCIA QUÍMICA

Chemical Environment	% Concentration	Temp °F	Molded					Pultruded	
			Vi-Corr®	Super Vi-Corr®	Fibergrate® Corvex®	FGI	XFR	VEFR	ISOFR
Acetic Acid	50	MAX	C	C	C	C	I	C	C
Acetone	100	75	S	S	I	I	I	I	N
Alcohols	100	120	C	C	I	I	S	I	I
Alum	ALL	MAX	C	C	C	C	C	C	C
Aluminum Chloride	ALL	MAX	C	C	C	C	C	C	C
Aluminum Fluoride	20	75	C	C	I	I	I	I	I
Ammonium Hydroxide	30	75	C	C	N	N	N	I	N
Ammonium Salts-Neutral	ALL	120	C	C	C	C	S	C	S
Ammonium Salts-Aggressive	ALL	75	S	C	I	I	I	T	N
Aromatic Solvents	ALL	75	T	T	N	N	N	N	N
Barium Salts	ALL	MAX	C	C	C	C	C	C	C
Benzene	100	140	I	S	I	I	I	I	N
Black Liquor (Pulp Mill)	ALL	MAX	C	C	I	I	I	I	N
Bleach Liquor (Pulp Mill)	ALL	MAX	C	C	I	I	N	I	N
Calcium Hydroxide	25	MAX	C	C	S	S	I	S	I
Calcium Hypochlorite	ALL	MAX	C	C	I	I	I	I	N
Calcium Salts	ALL	MAX	C	C	C	C	C	C	C
Carbon Tetrachloride	100	75	C	C	I	I	S	S	N
Chlorinated Hydrocarbons	100	75	T	T	T	T	N	T	T
Chlorine Dioxide	SAT	140	C	C	N	N	N	S	N
Chlorine Water	SAT	120	C	C	I	I	I	I	N
Chlorine, Wet	SAT	MAX	C	C	N	N	N	N	N
Chlorobenzene	100	75	S	S	N	N	N	N	N

Requisitos para recomendación de sistemas

- Químico o químicos
- Concentración de cada químico
- Temperatura de operación
- Condición o Exposición (I, D, C)

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DYNARAIL® BARANDAS Y PASAMANOS, & ESCALERAS MARINERAS



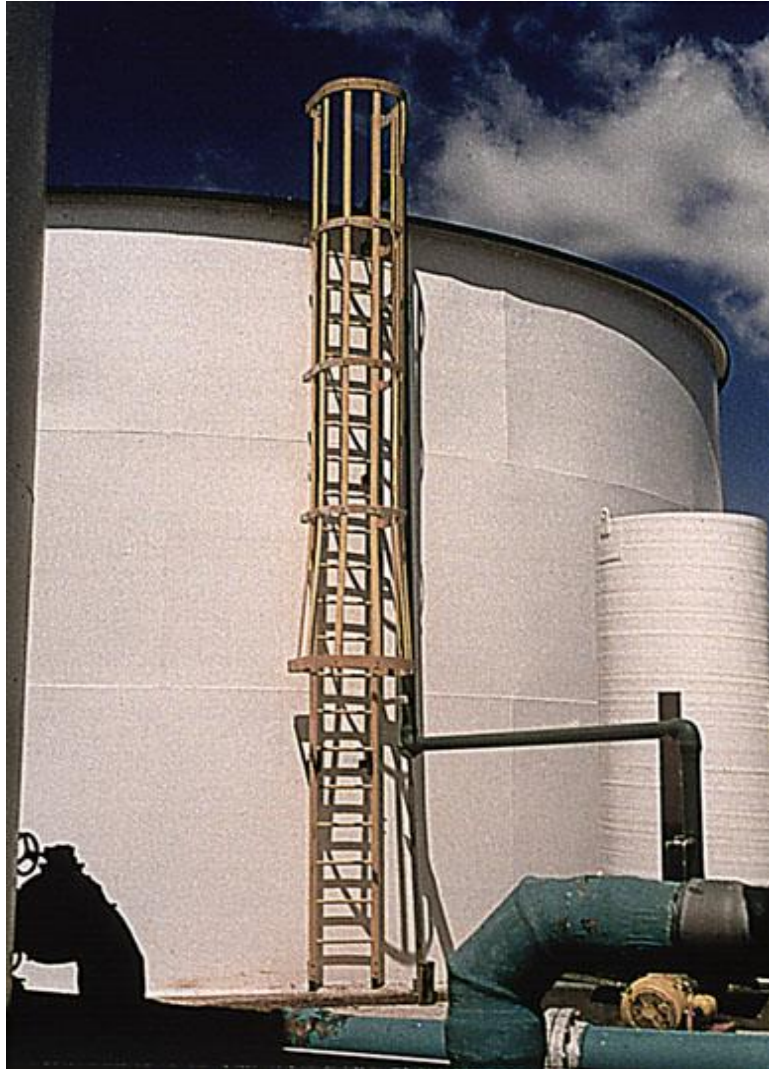
DYNARAIL / DYNAROUND / BARANDAS



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ESCALERAS MARINERAS

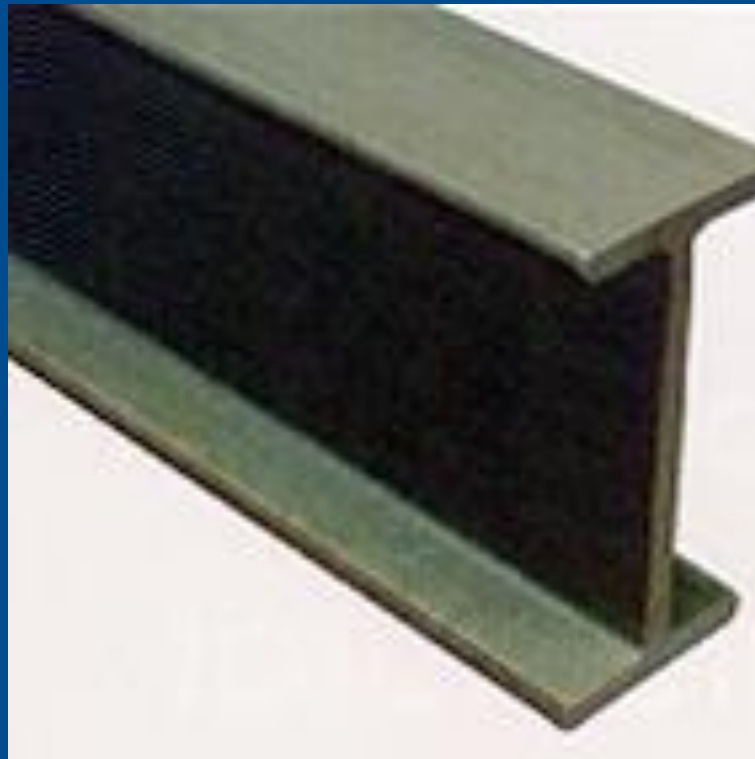


Building the World to Last[®]

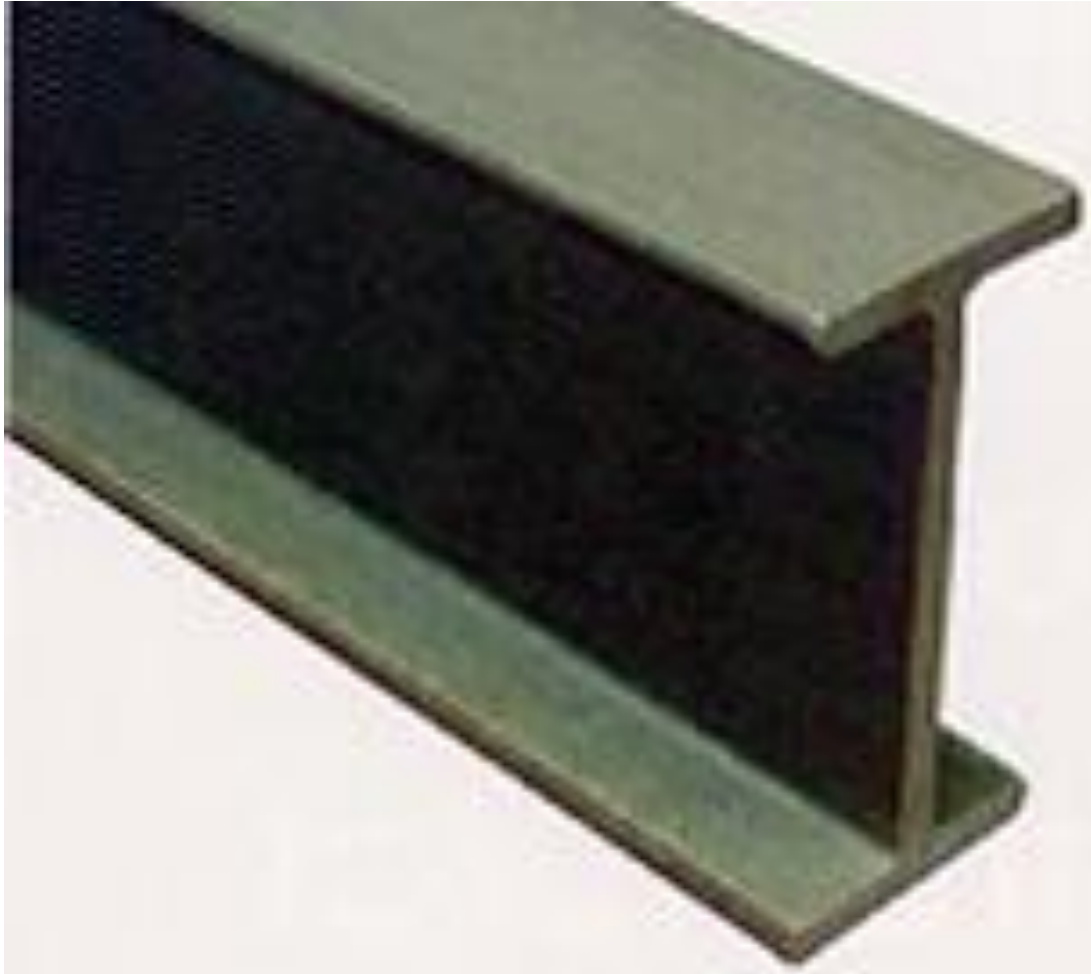




DYNAFORM[®] PERFILES ESTRUCTURALES



DYNAFORM[®] PERFILES ESTRUCTURALES



- Muy resistente a la corrosión
- Alta Resistencia Mecánica
- Estabilidad Dimensional
- Muy bajo peso
- No conductiva
- Bajo Mantenimiento
- Transparencia Electromagnética

Building the World to Last[®]



DYNAFORM® PERFILES ESTRUCTURALES



Sistemas de Resinas

- ISO – Verde Oliva
- ISOFR – Gris Oscuro
- VEFR - Beige

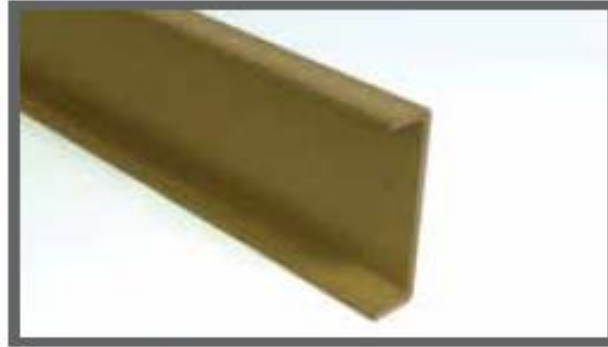
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DYNAFORM[®] PERFILES ESTRUCTURALES



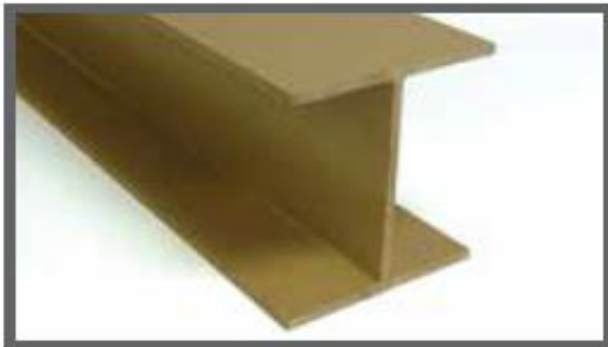
Square Tube



Channel



Angle



Wide Flange Beam



Concrete Embedment Angles



Custom Pultruded Shapes

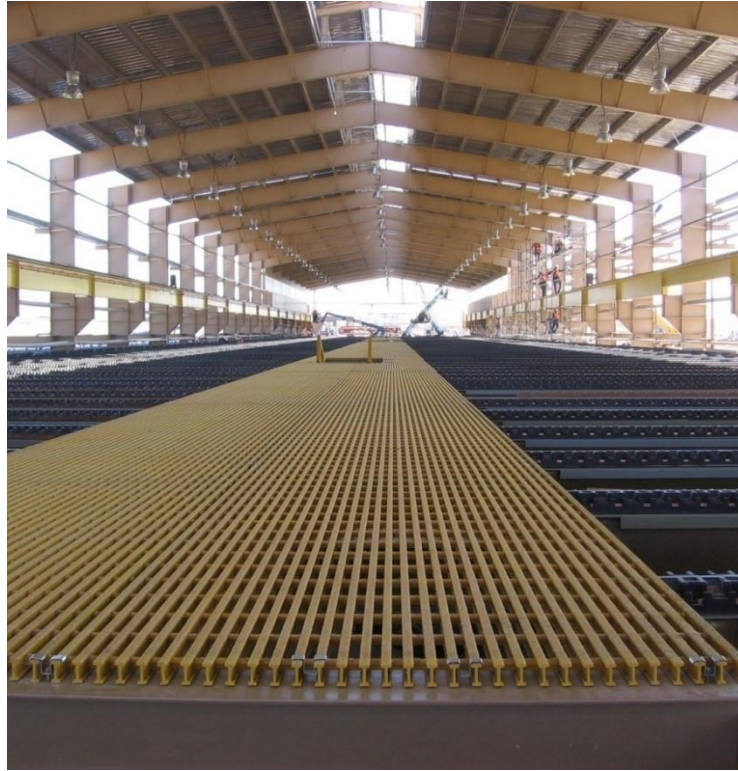
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MERCADOS & APLICACIONES





TRATAMIENTO DE AGUAS Y EFLUENTES

Building the World to Last[®]



BOWERY BAY – WASTEWATER TREATMENT PLANT



Location: Bowery Bay - Astoria, New York

Products Used: Fibergrate molded grating,
Dynaform® structural shapes,
Dynarail® handrail



Building the World to Last®



CITY OF WICHITA WATER TREATMENT PLANT



Location: Wichita, Kansas

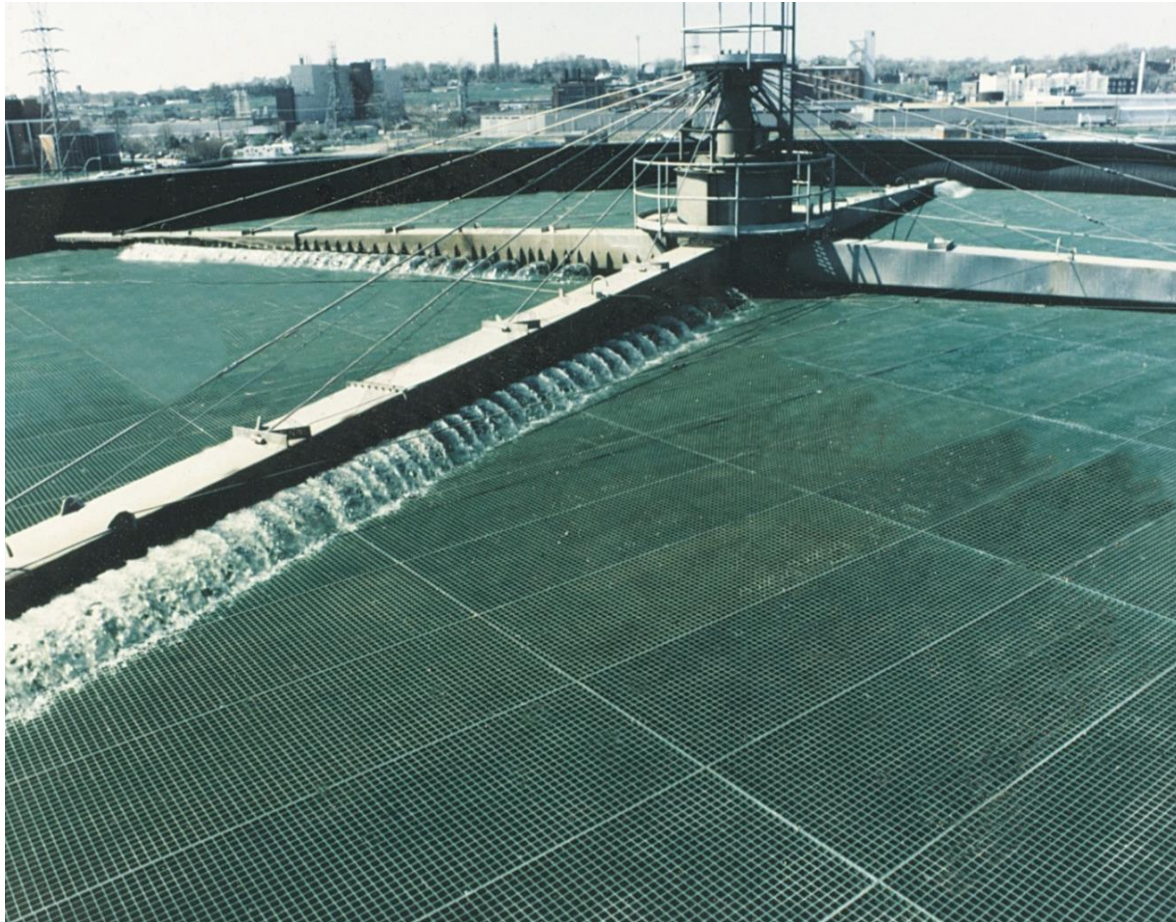
Products Used: Fibergrate's VEFR Safe-T-Span® pultruded grating and stair treads, Dynaform® Structural Shapes and a Dynarail® three-rail handrail



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CITY OF EUCLID, OH WWTP



Location: Euclid, Ohio

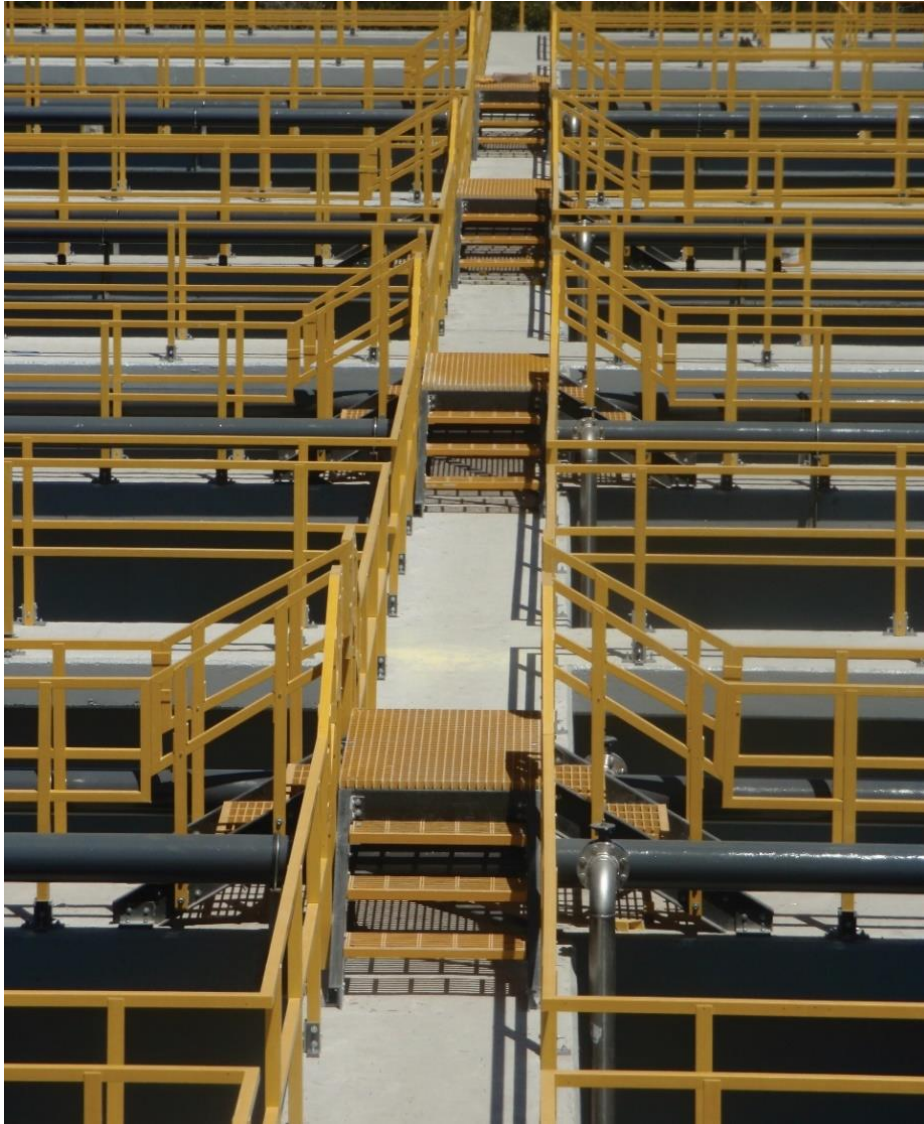
Products Used: MultiGrid at Trickling Filter
FRP Swirl Concentrator
FRP structures and guardrails



Building the World to Last®



CITY OF EUCLID



Building the World to Last®



COBERTURAS DE CANALES Y DRENAJES



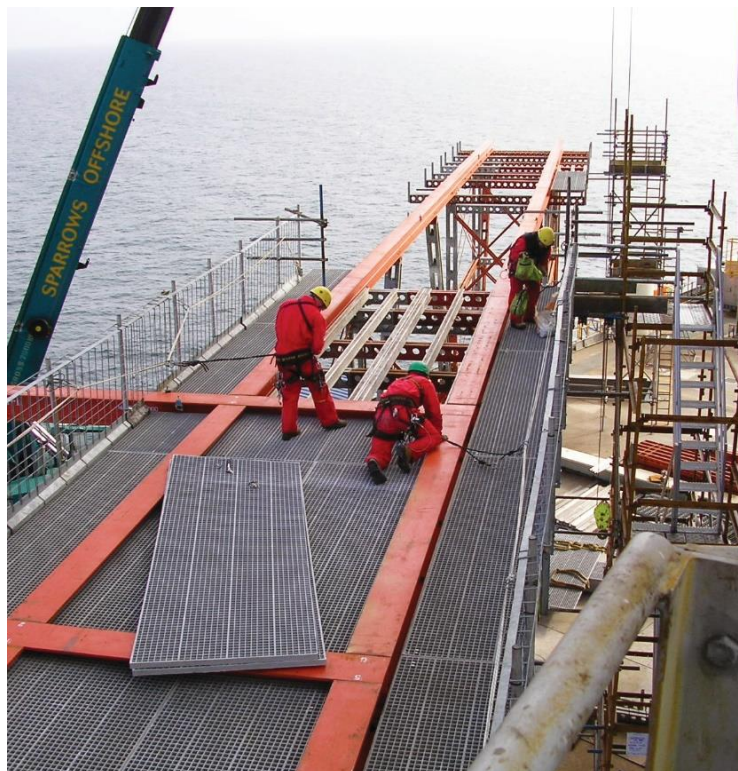
Location: Water Treatment Plant - Dallas, TX

Products Used: T5020 Pultruded Grating with 1/2-inch covered plate with custom, stainless steel, retractable, flush mounted handles



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APLICACIONES OIL & GAS

Building the World to Last[®]



OIL FIELD WASTE DISPOSAL PROJECT



Location: Oklahoma

Products Used: Molded Grating, Dynaform Structural Shapes, Railings, Ladders, Stair Treads



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SHELL MARS OFFSHORE PLATFORM



Location: Gulf of Mexico

Products Used: Chemgrate® Square Mesh Molded Grating



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TENSION LEG PLATFORM



Location: Gulf of Mexico

Products Used: Phenolic I6015 Pultruded Grating, Clips, and Accessories



Building the World to Last®



TANQUE DE COMBUSTIBLES/PETRÓLEO



Location: Offshore Artificial Islands

Products Used: ISOFR I6015 Pultruded Grating,
VEFR Dynarail Railings and Ladders,
VEFR Dynaform Structural Shapes



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PLATAFORMAS OFFSHORE



Location: Gulf of Mexico

Products Used: Molded Grating, Fibertred Stair Treads, Stair Tread Covers



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OFFSHORE/OIL AND GAS



Sub Sea Trees



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CERTIFICACIONES & APROBACIONES



- United States Coast Guard (USCG): Approval No. 164.040/2/2
- DNV Type Approval
- ISO 9001 Certified
- LARR

- ABS Type Approval
 - Pultruded Phenolic
 - Pultruded ISOFR
 - Corvex Molded Grating

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ALIMENTOS Y BEBIDAS - APLICACIONES

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12TH ST WINERY



Building the World to Last®



EMMBER FOODS



Building the World to Last[®]



ROSSEAU FARMS



Building the World to Last[®]



GEKKEIKAN SAKE PLANT



Building the World to Last[®]



YAMASA CORPORATION - SOY SAUCE PLANT



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TAMBOS



Building the World to Last[®]



PLATFORMAS — COCA-COLA



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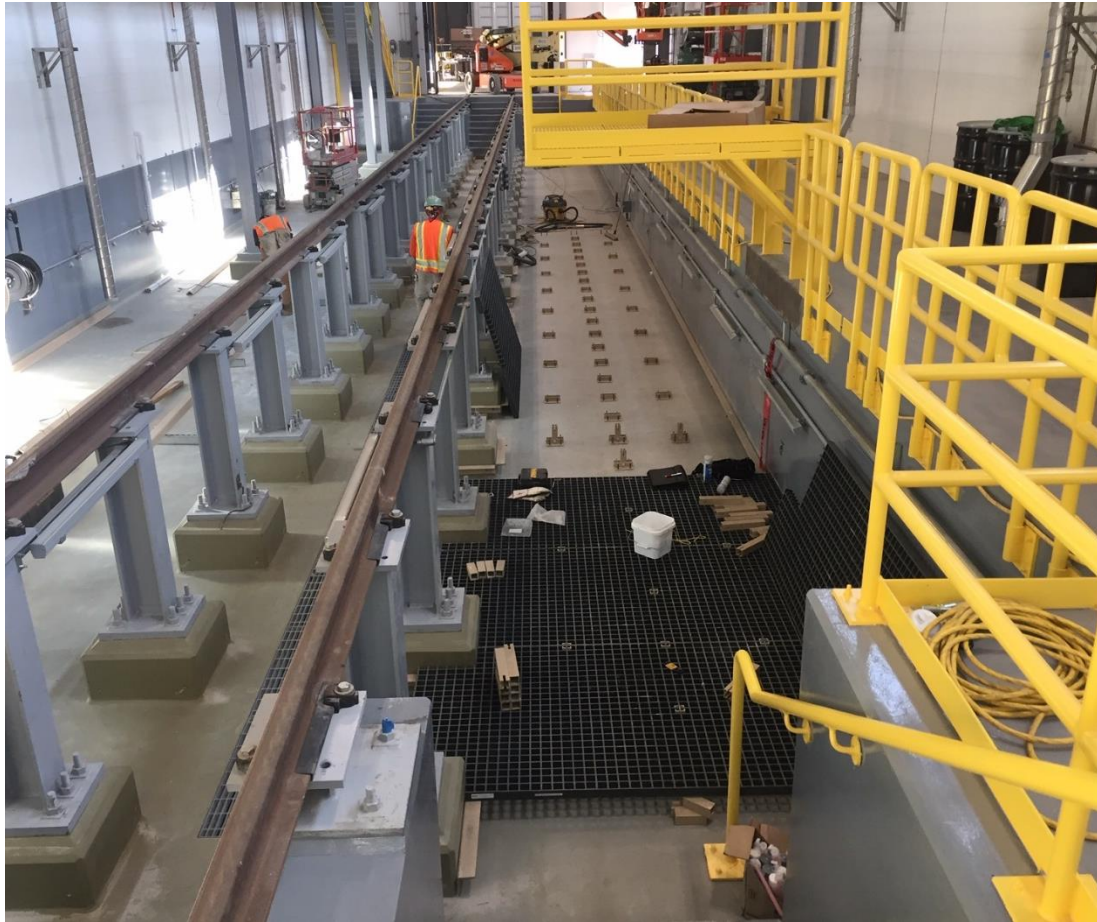


APLICACIONES EN TRANSPORTES

Building the World to Last[®]



LOS ANGELES METRO - LIGHT RAIL, DIVISION 16



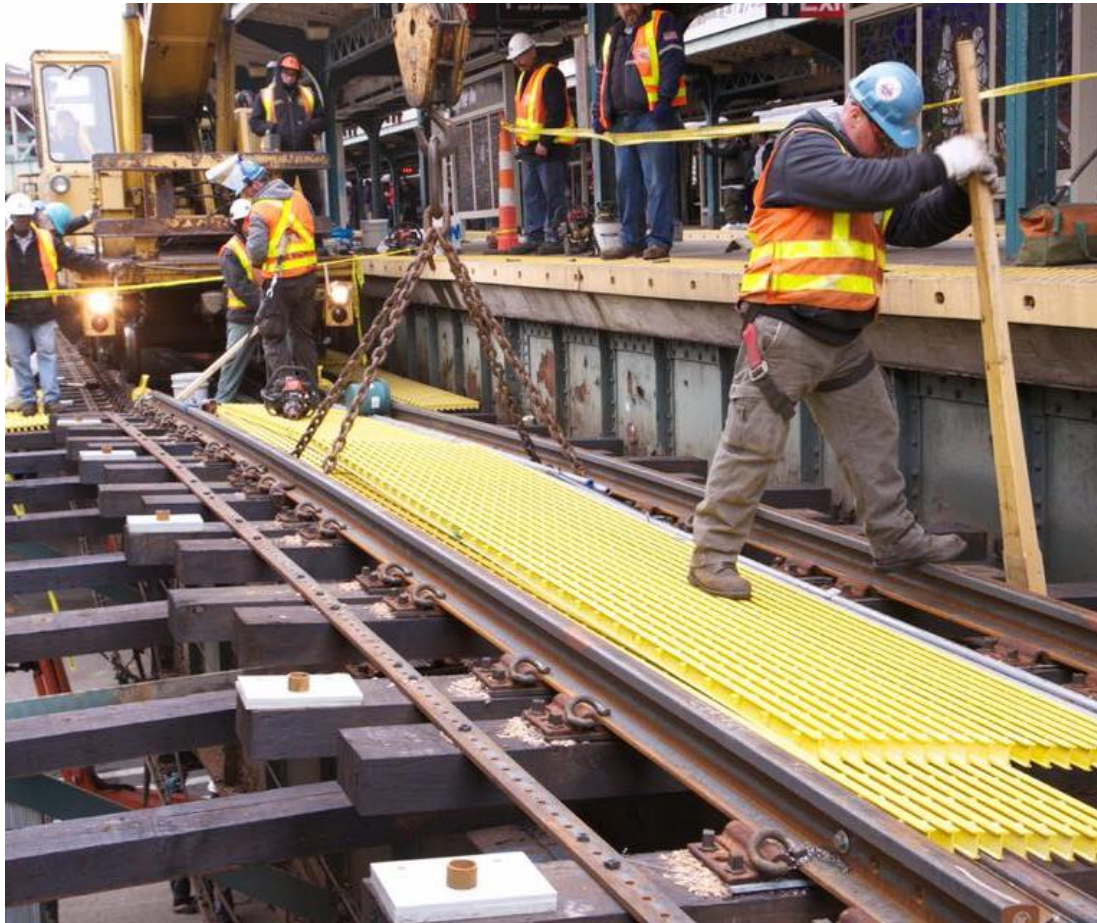
Location: Los Angeles, California
Products Used: ViCorr® 2" Deep, 2" Square Mesh Molded Grating with Grit Surface



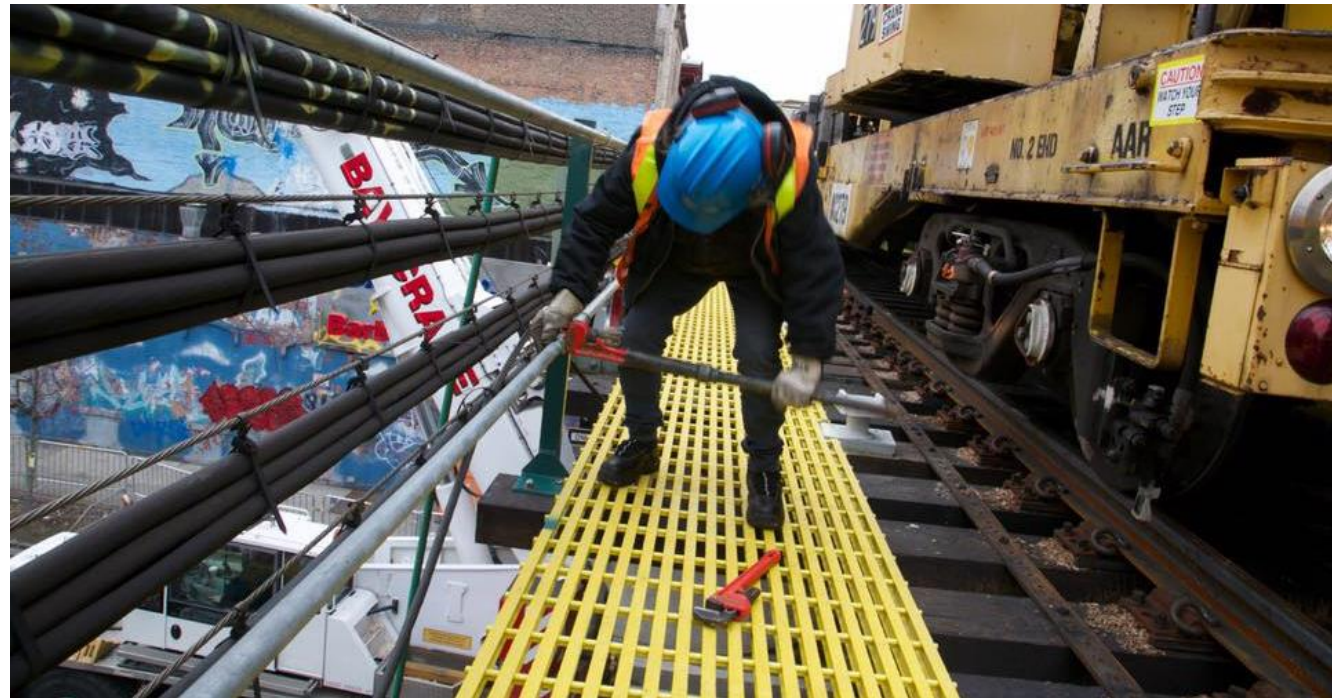
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NEW YORK CITY TRANSIT AUTHORITY



Location: New York, New York
Products Used: FRP Pultruded Grating



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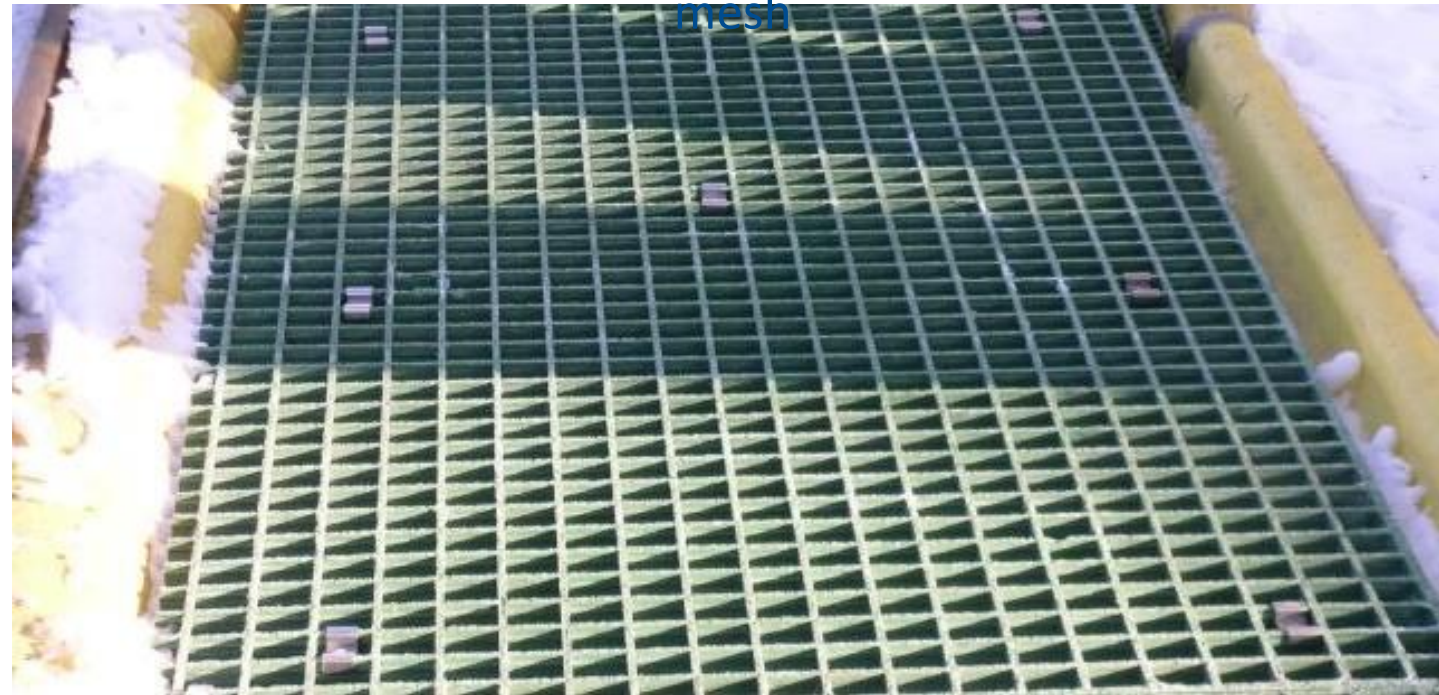


FLINT HILLS RESOURCE DESAGUES Y CANALES



Location: North Pole, Alaska

Products Used: Fibergrate's Chemgrate® FS-25 grating, 1" deep with 2" x 2" square mesh



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UNION PACIFIC RAILROAD PLAYA DE MANIOBRAS



Location: North Platte, Nebraska

Products Used: Fibergrate 1-1/2" Deep IFR Molded



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VETERAN'S MEMORIAL BRIDGE



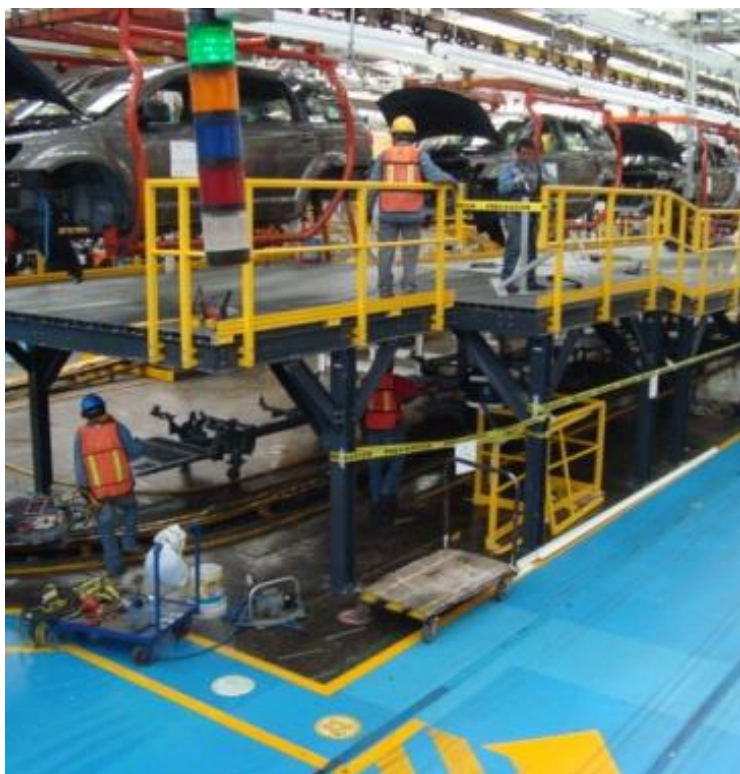
Location: Cleveland, Ohio

Products Used: Safe-T-Span® ISOFR 1-1/2" Deep Pultruded Grating



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APLICACIONES DE MANUFACTURA

Building the World to Last[®]



HITACHI DATA SYSTEMS



Location: Plainfield, Illinois

Products Used: Fiberplate, Dynaform structural shapes and handrail



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STURGIS IRON AND METAL NOISE REDUCTION



Location: Sturgis, Michigan

Products Used: Soundscape™ Soundwalls



Building the World to Last®



BROADCOM TI CHILLER YARD



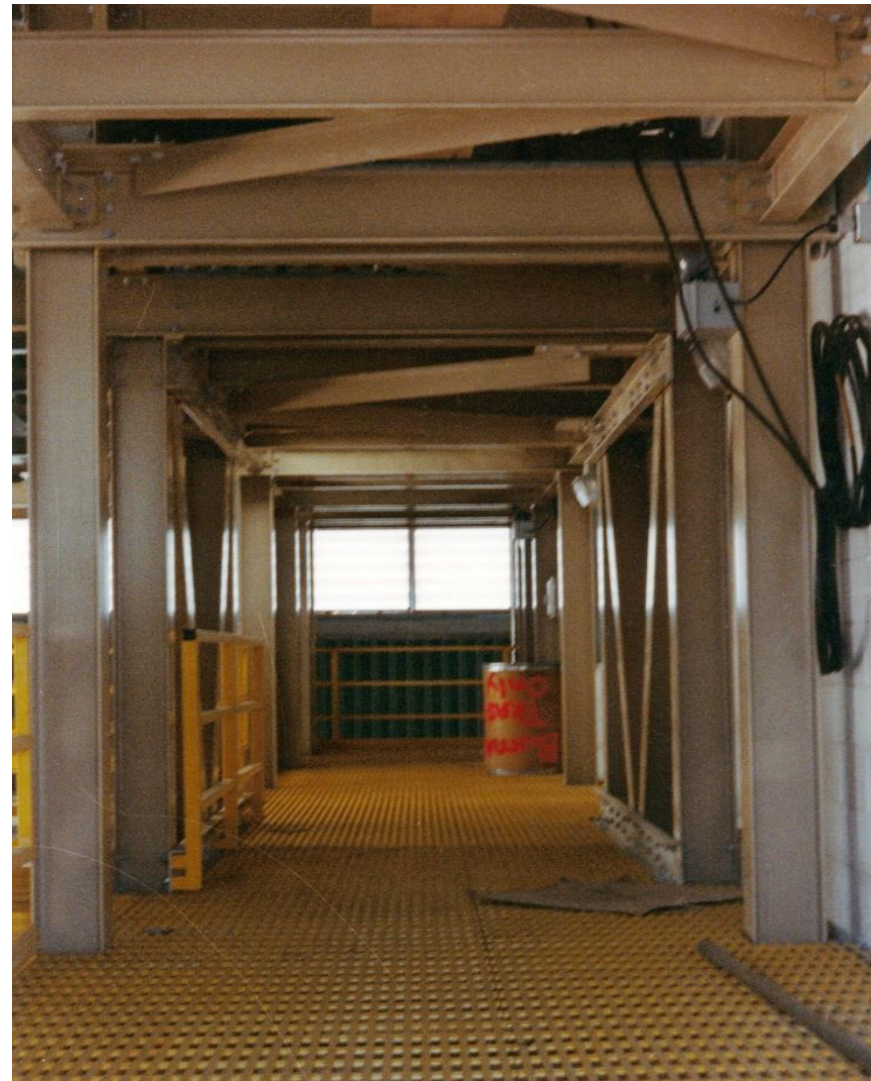
Location: Irvine, California

Products Used: Soundscape™
Soundwalls

Building the World to Last®



POTLATCH PAPER — LEWISTON, IDAHO



CXY CHEMICALS WALKWAYS



Location: Domino, Texas

Products Used: 1-1/2" Deep RIGIDEX® I Moltruded® Grating and 6" Dynaform® Channel



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PPG INDUSTRIES PLANTA QUÍMICA



Location: La Porte, Texas

Products Used: Fibergrate® 1-1/2" Deep, 1-1/2" Square Mesh Molded Grating



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PISOS DE SALAS LIMPIAS – SEAGATE TECHNOLOGIES



Location: Minneapolis, MN

Products Used: Micro-Mesh® 2' x 2' Molded Grating, Fibergrate Quad Head



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TEXAS METAL FINISHERS PLATING



Location: Gainesville, Texas

Products Used: 1" deep, 1-1/2" Square Mesh Molded Grating



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CARGILL SALT PROCESSING PLANT



Location: Breaux Bridge, Louisiana

Products Used: Vi-Corr® Molded Grating,
Dynarail® Handrails,
Fibertred® Stair Treads,
Dynaform® Structural
Supports

Building the World to Last®





APLICACIONES DE METALES Y MINERÍA

Building the World to Last[®]



COPPER RECOVERY OPERATION



Location: Arizona

Products Used: Chemgrate® 1-1/2"
Square Mesh Molded
Grating

Building the World to Last®



METALS & MINING



**Electrowinning
Facility**



Building the World to Last[®]



METALS & MINING

**Salt Mining
Facility**



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GENERACIÓN & DISTRIBUCIÓN DE ENERGÍA

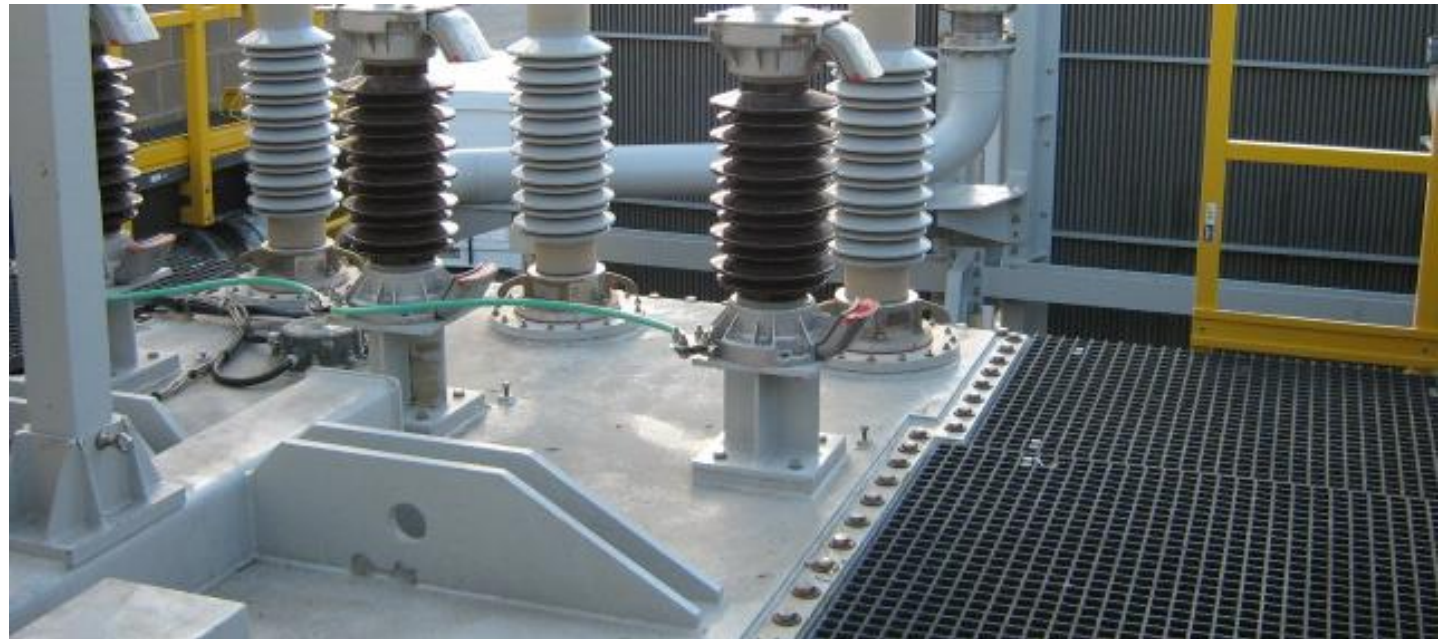
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ABI POWER STATION



Location: Bécancour, Quebec Canada
Products Used: Dynarail® Handrail and Ladder Systems, Corvex® Molded Grating, Dynaform® Structural Shapes



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CONTENCIÓN DE TRANSFORMADORES



Building the World to Last[®]





APLICACIONES TELECOMUNICACIONES

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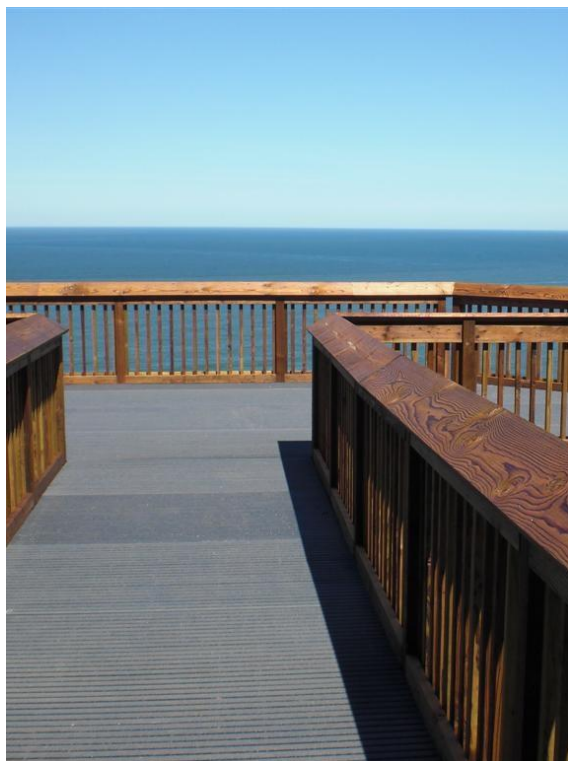




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