

ACRYLITE® block for Pools and Water Structures



Product

ACRYLITE® cast block makes a powerful statement in pools and water structures. It has eleven times the impact strength of glass and provides undistorted views. ACRYLITE® block is the clear choice for modern and safe designs.

Features and Benefits

- Crystal clear, undistorted view
- Eleven times the impact strength of glass
- Monolithic – no lamination
- High resistance to solvents and chemicals
- Easily fabricated, cemented, and bonded
- Compatible with ACRIFIX® adhesives
- 30 year warranty against yellowing
- Easy to care for

Unsurpassed Performance in Fabrication

ACRYLITE® block has impressive machining and fabrication behavior which allows it to be routed, drilled, sawed, and durably thermoformed into unique designs. It can also be shaped without losing any of its robustness. This monolithic and homogeneous block is extremely stable, without joints or weak points.

Proven Superior Bonds made with ACRIFIX®

ACRYLITE® block has been thoroughly tested and found to be compatible with ACRIFIX® adhesives for the clearest and strongest bonds available in the industry. Bonds created using ACRIFIX® are perfectly matched to the block color, free of imperfections, and nearly invisible. These bonds will not deteriorate, change color, or become visible over time.

Protect Against Yellowing for 30 Years

ACRYLITE® block is UV stabilized. This inherent property protects the block from yellowing, even after three decades. Its weather resistance, brilliance, and compressive strength set the standard for quality in the market.

Knowledgeable Technical Support

The Roehm technical support team can assist you with sizing computations and other in-depth technical information about the product. You can reach the Roehm Technical Center at (207) 490-4230.

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ACRYLITE®

Made in Germany, Stocked in the USA

The most common sizes and thicknesses are stocked in the USA for immediate delivery within the United States, Canada, and Mexico. Monolithic blocks are available by special order from Germany up to 220 mm (8.66 inch) thick.

Available Block Sizes	Available Thickness Range	
48" x 96" (1.22m x 2.44m)	1.181" - 4.724" (30mm - 120mm) Available from stock in some sizes	-
78.7" x 118.1" (2m x 3m)		-
78.7" x 196.9" (2.2m x 6m)		-
86.6" x 236.2 (2.2m x 6m)		5.118" - 8.661" (130mm - 220 mm) MTO as monolithic block
118.1" x 236.2" (3m x 6m)		
118.1" x 307" (3m x 7.8m)		

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Röhm GmbH and its affiliates are a worldwide manufacturer of PMMA products sold under the PLEXIGLAS® trademark on the European, Asian, African and Australian continents and under the ACRYLITE® trademark in the Americas.

Fire Precautions

ACRYLITE® sheet is a combustible thermoplastic. Precautions should be taken to protect this material from flames and high heat sources. ACRYLITE® sheet usually burns rapidly to completion if not extinguished. The products of combustion, if sufficient air is present, are carbon dioxide and water. However, in many fires sufficient air will not be available and toxic carbon monoxide will be formed, as it will when other common combustible materials are burned. We urge good judgement in the use of this versatile material and recommend that building codes be followed carefully to assure it is used properly.

Compatibility

Like other plastic materials, ACRYLITE® sheet is subject to crazing, cracking or discoloration if brought into contact with incompatible materials. These materials may include cleaners, polishes, adhesives, sealants, gasketing or packaging materials, cutting emulsions, etc. See the Tech Briefs in this series for more information, or contact your ACRYLITE® sheet Distributor for information on a specific product.

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