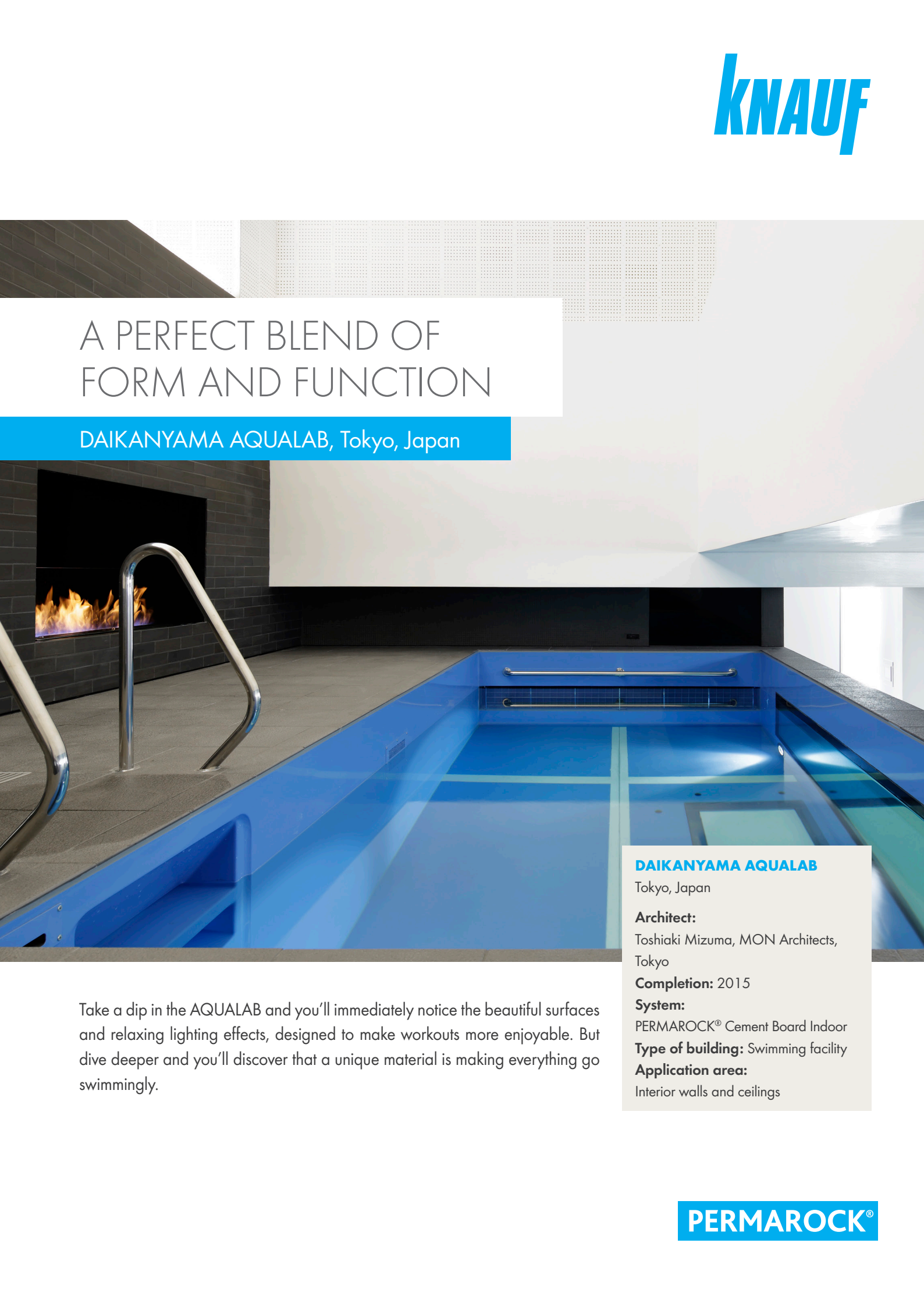


The background image shows an indoor swimming pool with blue water and lane lines. The pool is surrounded by a dark grey tiled deck. On the left, there is a built-in fireplace with a fire burning. The ceiling is white with a grid of small, square, perforated tiles. The overall atmosphere is modern and clean.

A PERFECT BLEND OF FORM AND FUNCTION

DAIKANYAMA AQUALAB, Tokyo, Japan

DAIKANYAMA AQUALAB

Tokyo, Japan

Architect:

Toshiaki Mizuma, MON Architects,
Tokyo

Completion: 2015

System:

PERMAROCK® Cement Board Indoor

Type of building: Swimming facility

Application area:

Interior walls and ceilings

Take a dip in the AQUALAB and you'll immediately notice the beautiful surfaces and relaxing lighting effects, designed to make workouts more enjoyable. But dive deeper and you'll discover that a unique material is making everything go swimmingly.

DAIKANYAMA AQUALAB

For the award-winning designers of MON Architects, creating a counter-current swimming pool in an existing Tokyo building presented a unique challenge. As Toshiaki Mizuma of MON Architects put it:

“Our concept was for a high-performance exercise space made comfortable with lighting and sound effects. But to make it a success we needed a material that could handle the noise and vibration of the running water system, as well as being resistant to the moisture and chlorine of a swimming pool.”

To bring their concept to life, MON Architects chose PERMAROCK® Cement Board Indoor, which hit the sweet spot of form and function that Toshiaki Mizuma had in mind. “PERMAROCK® could endure the humid, chlorinated indoor environment, while also presenting a flat and seamless surface for paint, porcelain tiles and ceramic sound-insulation boards. Also, because of PERMAROCK®’s water resistance, durability, lightness and workability, we could expect a shorter construction period.”

By using PERMAROCK® Cement Board Indoor as a substrate of AQUALAB’s walls and ceiling, MON Architects achieved a finish that is not only water-resistant and airtight, but also aesthetically pleasing. The last word on the project goes to Toshiaki Mizuma: “In four years since completion, there has been no cracking on the painted surface, nor any humidity damage to the pool’s electronic equipment. It’s exactly as we hoped and expected!”

From swimming pools to ceilings and façades, Knauf PERMAROCK® brings exceptional concepts to life. Get in touch to see what we can do for you.



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