

TILING AND LEVELLING SOLUTIONS

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Waterproofing and Tiling an Aquatic Centre

Bigger, more modern and more functional...These are the ambitions the city of Voves (France) has for its new aquatic centre which has been designed to be a work of art. Requirements which SRS (Société de Revêtements de Sols) understood well and to carry out tiling according to regulations, chose to work exclusively with PAREX products.

The community of Beauce Vovéenne (France) wanted to build a new aquatic centre which would meet the public's expectations in terms of high standards of premises and services, together with leisure facilities. Particular importance was given to the feel of each area. For SRS the challenge was to deliver the finished work in less than 3 months with beautiful tiling which also met all the required regulatory standards.

ANTICIPATING THE COMPLEXITY OF THE WORK

In order to tile 750m² of very different flooring (from a paddling pool to reception hall) work needed to be planned well in advance. The SRS pool design office, led by Guy Tolmont, created extremely accurate location and action plans.

Detailed technical drawings were made for specific points such as spouts, drains and gutters. In this way the complex's 80 drains benefited from layout plans to create a coordinated, non-intrusive and perfectly waterproof system.

For aesthetic reasons, and following Parex technical advisers' recommendations, grey adhesives and grouting were chosen for the floor tiles and white for the wall tiles. "The very fine grain of 551 PROLIJOINT RESIST ensures a clean and crisp result. Its dazzling whiteness accentuates the contrast sought on the walls with the "Padana Casa Grande tile colour", adds the SRS construction manager.

THE COMPANY

Founded in 1972, SRS (Société de Revêtements de Sols) is specialised in waterproofing and recovering of pool complexes, paddling pools, terraces, beaches, steam rooms, spa and indoor and outdoor pools. Operating in the Central / West and Île-de-France regions of France, it employs a hundred employees. It has worked for more than 5 years with PAREX, SRS carried out all floor and wall work except for the lined pools.



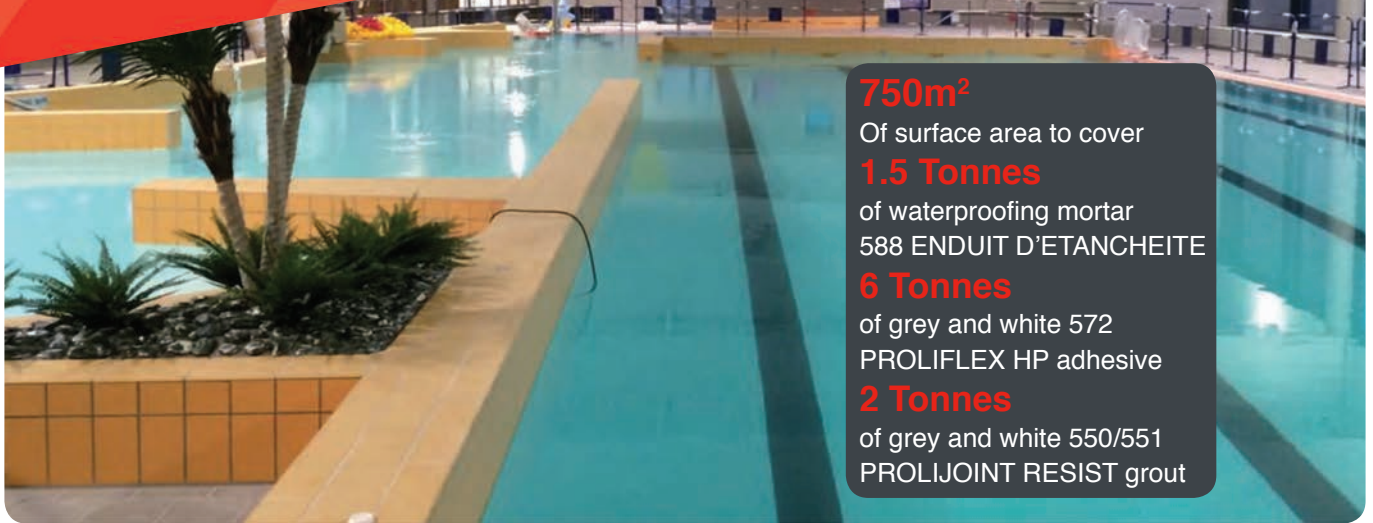
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A MEASURED IMPLEMENTATION

Once the structural work was completed by Vinci, the different floors (except the pools with liners) were treated in July by SRS and according to a well-defined process:

- The creation of a screed slope followed by the application of 588 ENDUIT D'ETANCHEITE specially adapted for wet environments.
- Tiles laid following plans with particular care paid to tiles for critical points and the curved walls such as those in the paddling pool.
- Application of 572 PROLIFLEX HP adhesive mortar, ideal for swimming pools, for laying 20x20, 12.5x25, 30x60 tiles
- Grouting with 550/551 PROLIJOINT RESIST, for large projects and resistant to chemical and physical wear and tear. Creation of joints between 2-20 mm. 20x20cm ceramic tiles were used for all changing rooms, showers and toilet walls.

With its outstanding adhesion, 572 PROLIFLEX HP has proven to be perfectly suited to vertical substrates," says Goran.

With Parex advice and the detailed plans from the internal research department, the experienced SRS staff were able to avoid any unforeseen issues. They could focus on the finish for a perfect flatness and regularity, in accordance with regulations.

PAREX EXPERTISE

Parex has developed products specially adapted and resistant to the specific constraints of aquatic locations: humidity, heavy foot traffic and resistance to chemicals. They effectively complement the tilers' expertise to meet the architects' dual requirements for the installation of pool tiles: perfect flatness (without sharp or protruding corners) and regularity of cuts and joints for a clear and aesthetic visual finish.

PRODUCTS

588 ENDUIT D'ETANCHEITE

Is a two component, flexible hydraulic micro-mortar for undertile waterproofing of intermediate floors with drainage, swimming pools, pool surrounds and walls.

- Rapid implementation
- No sanding required
- Solvent free

572 PROLIFLEX HP

Is an fibre enhanced, flexible, adhesive mortar which is easily applied (C2S1ET).

- Fibre-enriched: resists cracking
- Ideal for swimming pools
- Single component

550/551 PROLIJOINT RESIST

Is a dual component grout classified CG2WA.

- Resistant to heavy traffic
- Resistant to harsh chemicals (pH 5 – pH14)
- Highly efficient: easy application and easy to clean (suitable for high pressure cleaning)



- 1 Particular attention was paid to laying tiles on curved surfaces (paddling pool walls).
- 2 Only 588 ENDUIT D'ETANCHEITE met the specifications for waterproofing.
- 3 550/551 PROLIJOINT RESIST was used to ensure greater resistance (chemical and / or physical wear and tear).