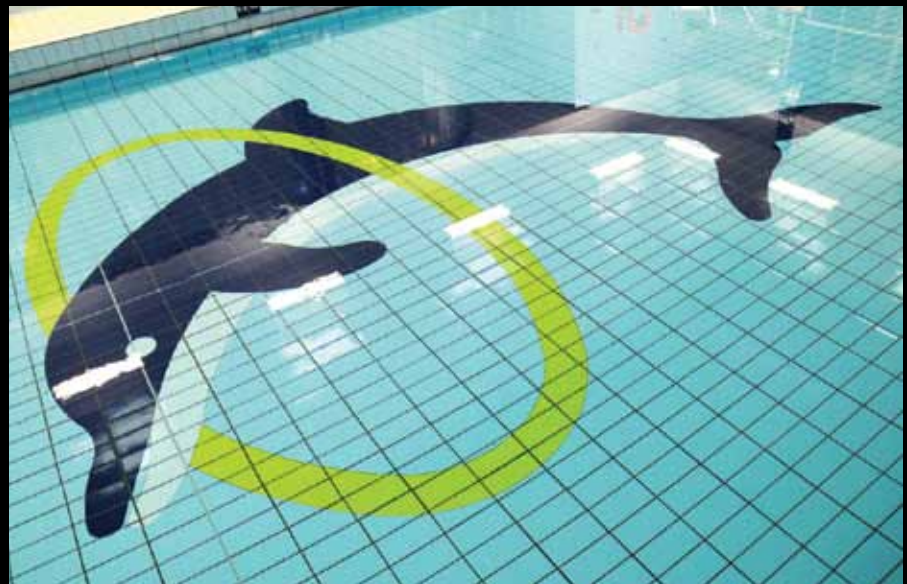


armatile

Sports & Leisure



THE ORCHARD LEISURE CENTRE ARMAGH

The Orchard Leisure Centre in Armagh re-opened its doors in January 2009 after a eighteen month, £5 million refurbishment. The new, superbly equipped centre, now offers a fantastic range of sporting activities and facilities making it one of Northern Irelands premier recreational centres.

The Orchard Leisure centre refurbishment project required a high level of specification which Armatile were able to provide in conjunction with its adhesive partner Mapei UK and Floor Gres Italy.

The full specification, firstly, had to take into consideration damage caused by the removal of the old tiles on the floors, walls, pools and surrounding areas. These areas required the Armatile contracts team to provide product specification to repair, render and level the damaged substrate

incorporating full pool tanking systems leaving a watertight even surface on which to fix the specified appropriate tiling in each designated area. As with all Armatile contract projects a full written specification was supplied from the substrate to tile finish.

Within the tanked areas of the two pools and jacuzzi Armatile supplied over 1300m² of Italian liscio porcelain tiles and nosings from our pool specialist supplier FloorGres. Armatile also incorporating bespoke waterjet designs on the pool floor designed and manufactured to the exacting architectural specification at our facility in Armagh.

The surrounding pool decks were then finished in Floorgres mod 2/25, B rated swimming pool deck specific porcelain tile. (diagram from page 28 of Floor Gres brochure.)

In the changing room areas again Armatile supplied a full slip resistant compliant specification for the floor using 650m² of Cinca Ad Pro B rated matched with 400m² of wall tiles. All tiles were fitted and grouted following the full written pool specification from mapei UK ensuring full floor guarantee from substrate to finish for the project.

The Orchard Leisure Centre, Armagh

Architect Practice: DA Architects, Armagh

Architect: Sam Nicholson

Building Contractor: Felix O'Hare Ltd, Newry

Completion: January 2009



Jacuzzi, Orchard Leisure Centre



Deep End Markers, 25m Swimming Pool



Dolphin feature, Learner Pool



Dungannon Leisure Centre Swimming Pool



Changing areas

DUNGANNON LEISURE CENTRE **CIRCULAR ROAD, DUNGANNON**

Dungannon Leisure Centre, on the town's Circular Road, was refurbished in late 2008 as part of a £1.8 million extension. The swimming pool was completely revamped during the project.

Armatile supplied the tiles and worked closely with Contract Tile and Stone, who were the specified tiling contractors for the project. Greeves Kelly Cairns Architects oversaw the project, which included the main 25m swimming pool, 12m minor swimming pool and all the changing room areas.

Cinca 20x20cm tiles adorn the changing rooms and the area around the swimming pool. These tiles adhere to all anti-slip standards and

all have a minimum B anti-slip rating for barefoot and wet traffic. Many of the walls are fitted with Hitit mosaic sheets as well as the shower floor areas in the changing rooms.

The work lasted 8 months and the leisure centre was reopened in January 2009.

Project: Dungannon Leisure Centre, Dungannon
Architect Practice: Greeves Kelly Cairns Architects, Dungannon

Tiling Contractor: Contract Tile and Stone, Moy

Building Contractor: MSM Contracts Ltd, Portadown

Completion: January 2009



OTHER PROJECTS **COMPLETED**

Waterford Leisure Centre, Waterford
Youghal Leisure Centre, Youghal
Kingfisher Spa, Galway

SLIP RESISTANCE

Slip Resistance

In the UK at present is no single British Standard which deals with slip resistance for floor surfaces. The law requires floor coverings to be safe in use. One guideline that has been followed by many UK specifiers is laid out by the German National Accident Insurance Board which uses the Ramp test method to give tiles a shoe shod foot R rating from R9 to R13 and also a barefoot rating of A B or C.

Ramp Test

Barefoot D51097 Classification A, B and C

Test is carried out with the operator barefoot and water used as a lubricant. The tiles are fixed to a platform which is inclined and adjusted to a gradually increasing gradient. The angle at which slipping occurs determines the rating. This is the

relevant test for swimming pool environments and other barefoot areas. These are useful rating to take into consideration for swimming pool specifications

Shoe Shod D51130 Classification R9,R10,R11,R12 and R13.

Test is carried out with the operator shod with rubber sole boots and the lubricant used is oil. Again the tiles are fixed to a platform which is inclined and adjusted to a gradually increasing gradient. The angle at which slipping occurs determines the rating.

Even though oil is used in the test as a lubricant the R rating is a dry floor rating. Therefore careful consideration must be given, by the specifier, at the design stage to the anticipated and likely prevailing surface conditions that the finished floor surface will have to endure.

For example

Is the area Internal or external? Is there barrier matting at entrances to prevent water from tracking in wet or dry? Will the area be susceptible to contamination of floor surface? Has the chosen product the required durability? Is there ease of maintenance? (crucial to maintaining the slip resistance of the floor as dust and dirt can act as a lubricant even on dry surfaces) Is the floor ramped? Does the product fit with the overall aesthetics and design?

If you require any clarification on a products suitability for use on any project you are involved with Armatile Technical will be happy to help.

Tel: 028 3752 1060

E-mail: contract@armatile.com

| Category | Lower Limit | Upper Limit | Area |
|----------|-------------|-------------|---|
| A | 12° | 18° | <ul style="list-style-type: none"> • barefoot hallways (mainly dry). • individual and group changing rooms with lockers. • pool floor in the nonswimmer areas, where the water level exceeds 80 cm. |
| B | > 18° | 18° | <ul style="list-style-type: none"> • barefoot hallways, if not classified in A showers. • area surrounding the disinfectant sprayers. • pool surrounds. • pool floor in the nonswimmer areas where the water level is less than 80 cm in parts. • pool floor in the nonswimmer areas in the tide effect pool. • lift slab floors. • paddling pools, steps leading into the water. • steps, of maximum 1 m width with hand rails, leading into the water. • steps outside of the pool area. |
| C | > 24° | | <ul style="list-style-type: none"> • steps leading into the water, if not classified in B. • foot baths. |

DESIGN AND MANUFACTURE



appropriate slip rated finishes for wet or dry areas.

All mosaic flooring is cut and hand assembled on meshed panels at our factory facility. This makes for quick, cost effective and accurate fitting on site of the finished mosaic floor.



Waterjet Cutting

Armatile utilise equipment more normally associated with the precision engineering industries. Our water jet cutters, operating at a pressure of 55,000 psi, allow us to produce complex designs in porcelain, natural stone even incorporating metal or glass. No other technique can produce the radial cuts and fine detail required for the stunning designs achieved.



Engraving

Engraving is an effective method of incorporating a design element into a porcelain floor design. Radial patterns are etched by our waterjet cutter and then can be further enhanced by use of contrasting coloured or metallic grouts.



Sourcing

At Armatile we have over thirty years experience of sourcing the correct tiles and natural stone for any given specification. We buy direct from source to ensure the best quality and price for every product. Our buyers attend all the major world trade fairs in order to remain at the forefront of market developments and we stock over 100,000 m² of tiles and natural stone at any given point.

Need a project sample or help with a technical specification?

Contact us on 028 3752 1060

Mosaics

Armatile can produce mosaics to match existing or new tiling in

armatilearchitectural.com

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Also in Belfast and Newry

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