

SECTOR: SPORT, HEALTH & FITNESS
CLIENT: LOCHEE SWIM & SPORTS CENTRE
SOLUTION: TARASAFE™ ULTRA H₂O, TARALAY PREMIUM COMPACT, TARAFLEX® SPORT M EVOLUTION

TARAFLEX®
SPORTS

In the swim of things with Gerflor

"We tend to order Gerflor products more than any other type of flooring and particularly like their Taralay Premium Compact which welds together very nicely"
Chris Long, Managing Director, Longs Flooring Ltd

Being fit and healthy seems to be the mantra for many of us these days, and having access to public facilities that will help us stay in shape is happily more common than it used to be. On the East coast of Scotland, Dundee City Council have truly embraced this desire for social exercise by refurbishing a much-loved sports centre.

Lochee Swim & Sports Centre in Dundee has reopened to the public with an upgrade of over £1million. The centre's history goes back to 1895 and was in fact the largest public laundry in the city during world war two. In making these numerous improvements to the centre the flooring would need to be upgraded to a standard matching the quality of the overall refurbishment. It was a challenge where international flooring and interiors specialists Gerflor would step in with a variety of solutions aimed at delivering both quality and performance.

The nine-month flooring refurbishment was awarded to Monifieth-based Longs Flooring Ltd. As part of the Dundee Trusted Trader Scheme, Longs Flooring have a reputation for quality. As a small family company they pride themselves on doing an excellent job using only the highest quality products. Chris Long, Managing Director, Longs Flooring Ltd commented, "We were on site with the Lochee project from day one and were delighted that Gerflor had been appointed to supply the flooring".

The new refurbishment would see Gerflor's highly successful slip resistant Tarasafe™

Ultra H₂O chosen for the changing rooms. Intended for traditional barefoot spaces where there are continuous wet areas, Tarasafe™ Ultra H₂O also offers a shod solution. It is rated Grade C in the barefoot ramp test – the best possible – and >36 in the wet pendulum test. It also scores R11 in the slip resistance wet shod test and is available in eight colours, complementing Tarasafe™ Ultra's most popular colourways. Its weight and flexibility also allows quick and easy installation. Tarasafe™ Ultra H₂O is also 100 per cent recyclable.

The main reception area at Lochee would benefit from specifying Gerflor's Taralay Premium Compact in 'Metallica' which would provide excellent resistance to static and dynamic loads. It has quick indentation recovery (0.02mm) and superb dimensional stability, together with providing minimal rucking when heavy objects are wheeled across the surface. This multi-layered vinyl flooring has a long lasting appearance and is also treated with the new and improved ProtecSol®2 surface treatment with extreme stain resistance and a matt finish, which means no polish is required for the entire lifetime of the product, thus reducing maintenance costs. The Taralay Premium range is also 100% recyclable.

Chris Long further said, "We tend to order Gerflor products more than any other type of flooring and particularly like their Taralay Premium Compact which welds together very nicely".



He also added, "They have a great range of products that cross over both the domestic and contract sectors which is great for us". Chris Long went on to comment, "We met with the Gerflor team on more than one occasion with regards to Lochee and found them hugely helpful and responsive. In fact, they were on the end of the telephone anytime we needed them".

No sports centre would be complete without a state-of-the-art fitness suite and Lochee Sport and Swim saw this as a major element of the overall offer to the public. Taraflex® Sport M Evolution from Gerflor would be the ideal choice for this area.

Taraflex® has been used in many international and major sporting events since 1976 and is available in 17 colours and two wood-effect designs. The Sport M Evolution product offers a P1 category shock absorbency 25% to 35% and meets the EN 14904 Standard for indoor sports surfaces.

Technical Properties

Product Description	Tarasafe™ Ultra H ₂ O
Thickness EN 428	2.0mm
Wear layer thickness EN 429	1.00mm
Weight EN 430	2400g/m ²
Width of sheet EN 426	200cm
Length of sheet EN 426	20lm
Classification	
Norm / Product specification	EN 649
European classification EN 685	34 - 43 class
Fire rating EN 13501-1	Cfl-s1
Static electrical propensity EN 1815	< 2 kV
Slip resistance: pendulum test BS 7976-2	≥ 36 PTV
Surface roughness R _{tm} /R _z	R _z ≥ 20
Slip resistance wet DIN 51130: ramp test with oil	R11
Slip resistance wet DIN 51097: bare foot	C
Slip resistance: ramp test EN 13845 Annexe C	ESb
Performances	
Wear resistance EN 660.2	≤ 4.0mm ³
Wear group EN 649	P
Dimensional stability EN 434	≤ 0.40%
Residual indentation EN 433	≤ 0.10mm
Thermal Conductivity EN 12 524	0.25W/(m.K)
Colour fastness EN 20 105-B02	≥ 6 degree
Chemical products resistance EN 423	OK
TVOC after 28 days ISO 16000-6	< 100
CE Marking	
CE	EN 14041

Taraflex® also recognised for providing durability, safety and comfort without impairing performance. The range also offers greater than 45% force reduction, making it unrivalled in the marketplace in terms of offering comfort for users. Taraflex® also meets the EN Standard of 22196 for anti- bacterial activity [E. coli - S. aureus - MRSA] (3) returning >99% levels of growth inhibition. The product is also treated with Protectsol®, which renders polish redundant and is triple action meaning no polish is ever required, it contributes to easy maintenance and is anti-friction burn and slide/grip. Taraflex® has a double density foam backing and as another bonus, it's environmentally friendly.

Chris Long finally commented, "We use Gerflor products a lot and would have absolutely no qualms in ordering their products again. In our line of work, it's all about supplying quality and that's exactly what Gerflor provide".

Product Description	Taraflex™ Sport M Evolution
Surface Treatment	Triple Action Protectsol®
Surface Complex	D-Max™
Foam	Double Density CXP-HD™
Thickness EN428	7mm
Weight EN 430	4.6kg/m ²
Length EN 426	26.4lm Max
Width EN 426	1.5lm
Sport Properties	
Shock absorption EN 14808	P1 %
Vertical deformation EN 14809	≤2mm
Energy return NF P 90 203	≥0.31m/s
Sliding coefficient EN 13036-4	80-110
Ball bounce EN 12235	≥90%
Technical Characteristics	
Abrasion resistance EN ISO 5470-1	≤350mg
Impact resistance EN 1517	≥8N/m
Indentation resistance EN 1516	≤0.5mm
Classification	
Fire EN 13501-1	Cfl-s1
Special treatment	Yes
CE Marking	
CE	EN14904



Product Description	Taralay Premium Compact
Thickness EN 428	2.00mm
Wear layer thickness EN 429	≥1.00mm
Weight EN 430	2580 - 2680g/m ²
Width of sheet EN 426	200cm
Length of sheet EN 426	20lm
Classification	
Norm/Product specification	EN 649
European classification EN 685	34-43 class
Fire rating EN 13501-1	Bfl-s1
Static electrical propensity EN 1815	<2kV
Slip resistance wet DIN 51130	R10 class
Performances	
Wear resistance EN 660.2	≤2.0mm
Wear group EN 651	T
Dimensional stability EN 434	≤0.40%
Residual indentation (requirement) EN 433	≤0.20mm
Residual indentation (value)	=0.02mm
Thermal conductivity EN 12524	0.25W/(m.K)
Colour fastness EN 20 105-B02	≥6 degree
Impact sound insulation ISO 717-2	8dB
Chemical products resistance EN 423	OK
Anti-bacterial activity	>99% Inhibits growth
Surface treatment	Protectsol®2
TVOC after 28 days	<10
CE Marking	
CE	EN 14041