

SECTOR: EDUCATION  
CLIENT: MIDLOTHIAN COUNCIL  
SOLUTION: TARASAFE ELEMENTS, TARASAFE STYLE & TARASAFE ULTRA COMFORT (ACOUSTIC)

## Gerflor's Tarasafe™ vinyl safety flooring is exclusively specified for multi-million pound school project

"We specified vinyl because it's hard-wearing and resistant to staining. The Tarasafe™ looks very good, we're really pleased. It gave us what we were looking for: functionality and aesthetic appeal."

Stephen Home, Senior Architectural Technician, Cooper Cromar

When designing one of the first, flagship, projects of Scotland's £1.25 billion Schools for the Future programme, you can expect every architectural and specification decision will come under the closest scrutiny. At a cost of £37.1 million, The Lasswade Centre in Bonnyrigg was not only intended to serve 1,500 pupils, but also to provide a new home for the town's sports and community facilities and become a focal point for citizens.

Having had his work inspected by the First Minister of Scotland, Alex Salmond, among others, Stephen Home, senior architectural technician, at Glasgow architects Cooper Cromar, explained: "As one of the exemplar schools in the Schools for the Future programme, it had to be outstanding in every aspect. When it came to the flooring, as well as high quality, we also wanted it to be long-lasting and easy to clean."

Mr Home consulted international vinyl and linoleum flooring specialist Gerflor about the specification. He added: "We have used Gerflor on previous jobs. They're a trusted company and very helpful, so we brought them in on this and got good advice. We specified sheet vinyl, non-slip, and used acoustic in some of the teaching areas, where classrooms were above each other, to minimise noise disruption."

As a result more than 8,000m<sup>2</sup> of Gerflor's Tarasafe™ range of specialist slip-resistant vinyl safety flooring was laid. Inlaid with mineral crystals for a light,

bright appearance, and with a tough PVC wearlayer, it is also impregnated with Sanosol® fungistatic and bacteriostatic treatment for optimum hygiene and easy maintenance. As the crystals are made of mineral, rather than using the Carborundum particle (which can make floors more dull in appearance), Tarasafe™ is 100 per cent recyclable, which was a positive factor in the project acquiring BREEAM certification.

Also specified was Gerflor's unique SparClean® treatment. Designed to form a completely smooth surface between the mineral chips, it doesn't impair the anti-slip performance, but eliminates dirt traps. Stephen Home added: "SparClean® was very good; there's 1,500 pupils at the school, plus the out-of-hours use, so the cleaners need to be able to work quickly and effectively."



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Another benefit of the new Tarasafe™ vinyl safety flooring is that its mineral crystals weigh less than before, making it easier and faster to fit, while knife blades stay sharper for longer.

The MacGregor Flooring Company Ltd., Hamilton, laid The Lasswade Centre flooring and contracts manager Crawford MacGregor said his men had noticed the Tarasafe™ improvement. He commented: "When you see these things on press

releases you look at it and think 'Ok', but the guys definitely noticed the difference. They always need a sharp blade to do a good job and they're not changing them as often."

Mr MacGregor added: "We've worked with Gerflor on a lot of big projects similar to Lasswade: student accommodation, offices, college projects and we use a lot of their sports flooring Taraflex, which is a market leader.

"Our main point of contact is with Virginia Harris [Scotland Sales & Specification Executive]. She's fantastic, she can't do enough and she's backed up by the guys in the office; they do everything they can for us."



Product Description	Tarasafe Elements	Tarasafe Ultra Comfort (acoustic)	Tarasafe Style
Total thickness EN 428	2.0mm	3.2mm	2.0mm
Thickness of wearlayer EN 429	1.13mm	1.16mm	1.21mm
Weight EN 430	2590g/m <sup>2</sup>	3080g/m <sup>2</sup>	2620g/m <sup>2</sup>
Width/Length of Sheet EN 426	200cm/20ml	200cm/20ml	200cm/20ml
<b>Classification</b>			
Norm/Product Specification	EN 649	EN 651	EN 649
European classification EN 685	34-43	34-43	34-43
K Rating	K5	K5	K5
Fire Rating EN 13501-1	Bfl-s1	Cfl-s1	Bfl-s1
Static electrical propensity	<2	<2	<2
Slip resistance wet - ramp test with oil DIN 51130	R10	R11	R10
Slip resistance dry (coefficient of friction)	K5	K5	K5
Electrical behaviour (antistatic) EN 13883	DS	DS	DS
Slip dry resistance: pendulum tester BS7976	≥36	≥36	≥36
Slip Resistance - ramp test EN 13845	ESf <sup>(2)</sup>	ESb <sup>(3)</sup>	ESb <sup>(3)</sup>
Surface Roughness Rtm	Rz ≥ 20	Rz ≥ 20	Rz ≥ 20
<b>Performances</b>			
Wear Resistance EN 660.2	≤2	≤2	≤2
Wear Group EN 651	T	T	T
Dimensional stability EN 434	≤0.40	≤0.40	≤0.40
Residual indentation: exigency EN 433	≤0.10	≤0.20	≤0.10
Impact Sound Insulation EN ISO 717-2	-	16	-
Thermal Conductivity EN 12 524	0.25	0.25	0.25
Colour Fastness EN 20 105-B02	≥6	≥6	≥6
Chemical Products Resistance EN 423	Good	Good	Good
Fungistatic and bacteriostatic treatment	Sanosol®	Sanosol®	Sanosol®
Surface Treatment	-	Sparclean®	Sparclean®
TVOC after 28days	<100	<100	<100
<b>CE Marking</b>			
CE	EN 14041	EN 14041	EN 14041