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## FREIFLOOR™ PVC Free Contract Flooring

	<p><b>Application</b> Flooring tile for public premises subject to extremely heavy wear; department stores, schools, universities, retail, hospitals, offices, day care centers, assisted living facilities, cafeterias.</p>
	<p><b>Composition</b> FreiFloor tile is made of Enomer, which consists of 80% natural minerals, 20% polymers, with an ionomer impregnated wear layer. Heterogeneous product structure gives excellent dimensional stability, easy installation and low cost chemical free maintenance.</p>
	<p><b>Wear resistance</b> FreiFloor is suitable for heavy duty applications and has a long service life. It has excellent scratch and wear resistance because of the ionomer impregnated wear layer. FreiFloor belongs to the best wear group T (EN 660-2 — Frick-Taber test), and withstands forklift traffic (EN 1818- the effect of an industrial wheel).</p>
	<p><b>Fire resistance</b> FreiFloor's fire resistance outperforms vinyl, linoleum and rubber floorings. It has low flame spread, low smoke, and low heat production. It is classified as <b>class 1</b> (&gt;0.45 W/cm<sup>2</sup>) standard ASTM E648-99 , ASTM E662-97 &lt;450</p>
	<p><b>Installation</b> Installation can be done with ALLSTATE FF1 FreiFloor adhesive. Seams can be heat welded using a special FreiFloor welding rod. Tiles are easy to handle and install (and to repair if needed), and installation waste is only 0-3 %. No initial polishing is required, which makes installation easy, quick and inexpensive.</p>
	<p><b>Maintenance</b> FreiFloor's compact ionomer impregnated surface is impermeable to dirt, which ensures easy and low cost maintenance. The preferred maintenance procedure is chemical free. It also has excellent resistance to chemicals, such as acids, alkalis and solvents, and it does not react to rubber.</p>
 	<p><b>Safety</b> FreiFloor™ has low emissions in indoor air (TVOC&lt; 0,005 mg/m<sup>2</sup>/h after 4 weeks). It contains <b>no plasticizers</b> or other substances that might migrate to the surface. The material does not act as a substrate for bacterial growth. FreiFloor is an <b>antistatic</b> flooring (electrical propensity &lt; 2 kV according to EN 1815). It is a safe material in case of fire. Its slightly embossed surface gives good slip resistance (ASTM C1028: 0,8). Production is in compliance with ISO 9001 and ISO 14001.</p>
	<p><b>Environment</b> FreiFloor™ is made of safe raw materials and production is ecologically sound. It contains <b>no PVC</b>, halogens, chlorine, plasticizers, stabilizers or heavy metals. The production line is new with lower energy demands. The material is recyclable during production and can be disposed of by burning (where allowed), and used as an energy producing waste. It has low emissions in indoor air. Only small amounts of water and chemicals are required for maintenance. It has a long life cycle.</p>