

PRODUCT INFORMATION	TYPE OF PRODUCT	Rubber Flooring
	COMPANY NAME	Nora
	PRODUCT/COLLECTION NAME	Noraplan UNI, NP Stone, NP Plus, NP Mega, NP Grip, NP Fossil, Logic, Eco, Classic, Astro
	DESCRIPTION	Rubber Flooring
MATERIAL FEEDSTOCK	MATERIAL CONTENT	High quality natural rubber and industrial rubber are the basis of our rubber floors. Made from the sap of the tropical rubber plant (<i>Hevea brasiliensis</i>), nora® floor coverings are also supplemented by raw mineral materials extracted from natural deposits and by environmentally compatible color pigments. Does not contain PVC
	RECYCLED CONTENT %	None
	RAPIDLY RENEWABLE CONTENT %	None
	HARMFUL ADDITIVES	N/A
	HARMFUL EMISSIONS	Due to the composition of nora floor coverings, they do not emit substances in toxic concentrations. nora floor coverings do not contain any PVC, plasticizers (phthalate) or halogens (e.g., chlorine). nora floor coverings are Indoor Air Quality certified by the GREENGUARD Environmental Institute (GEI). GEI is a world-wide acknowledged institute focusing on healthy indoor environments. All certified products are regularly subjected to emission requirements. nora products have also been awarded the Blue Angel eco-label, one of the oldest and more respected eco-labels in the world.
	EMISSION STRENGTH OVER TIME	Due to the composition of Nora floor coverings, they do not emit substances in toxic concentrations. Nora floor coverings do not contain any PVC, plasticizers (phthalate) or halogens (e.g., chlorine). Nora floor coverings are Indoor Air Quality certified by the GREENGUARD Environmental Institute (GEI). GEI is a world-wide acknowledged institute focusing on healthy indoor environments. All certified products are regularly subjected to emission requirements. Nora products have also been awarded the Blue Angel eco-label, one of the oldest and more respected eco-labels in the world.
TREATMENTS	There is no need for harmful chemicals because of the non porousness	
MANUFACTURING	MANUFACTURING PROCESS	The Production process used to make the rubber flooring uses only the absolute necessary amount of energy, obtained with high efficiency through the combined heat and power principle. The cooling water is re-circulated, thus reducing to a minimum the volume of fresh water consumed. Production scrapes are recycled into the reusable material within the plant and returned to the production process.
	HARMFUL EMISSIONS	Proper selection of the raw materials and precise processing in the manufacture of nora floor coverings ensure that no harmful emissions are given off to employees or the environment in spite of processing temperatures exceeding 170°C/338°F. The production process is subject to regular emissions checks using special analytical procedures.
	LOCATION OF MANUF. PLANT	Is the material manufactured locally? Within a 500 mile radius? [LEED] Are the raw materials extracted locally? Within a 500 mile radius? Are toxins released during the extracting process?
	TESTS/CODES	Has the material met the testing requirements for certifications?
	3RD PARTY CERTIFICATION	EMAS – U.S. Green Building Council Blue Angel – Greenguard BRE Rating – CA 01350 Fresenius – ISO 14001
INSTALLATION	INSTALLATION PROCEDURE	N/A
	INSTALLATION ADHESIVES	nora floor coverings are normally installed in rolls or tiles using solvent-

	<p>free, environmentally-friendly acrylic adhesives—classified as low-emission products according to ECI or South Coast (CA) Air Quality Management, District 1168.</p> <p>nora floor coverings can be installed utilizing traditional flooring adhesives, or nora's innovative dry tape adhesives - nora dryfix, nora Stepfix and nora Basefix. These high-performance dry adhesives emit no smell, are environmentally-compatible and require minimal downtime - resulting in higher cost savings.</p>	
UNIT COST	A	
LIFE CYCLE ANALYSIS EXTRACTION	Life cycle is about 30 years	
END OF SERVICE LIFE	<p>Material Recycling nora rubber flooring can be recycled by specialty firms for use as landing mats, industrial or stable mats and coverings for sports areas.</p> <p>Thermal Recycling In principle, may be used as substitute fuel instead of gas or oil in thermal power stations, where the energy contained in the combustible material is recovered.</p> <p>Complete Material/Thermal Recycling Energy recovery in the cement industry through thermal recycling. The fillers remain in the cement clinker because of their advantageous composition.</p> <p>Disposal in Landfill Sites Since there are no harmful substances, nora rubber floors can be disposed in landfills. They can also be incinerated, reusing the energy contained in the material. nora always abides by federal, state or local regulations.</p> <p>Construction Waste Take-Back Program When possible, waste and scrap material from new installations of our floor coverings get returned to the production process for reuse.</p> <p>Sample Take-Back Program Created as a greener alternative, this program allows architects, designers and other customers to return their extra rubber flooring samples and binders of samples they no longer need, using our pre-paid postage label.</p>	
MISC. PROPERTIES	QUALITIES/PROPERTIES OF PRODUCT	Does the product have high durability?
	MISC. COMMENTS	<p>nora floor coverings are available in rolls or tiles. Tiles can be supplied either loose or in cardboard boxes on wooden pallets as desired. The cardboard boxes are manufactured from waste paper and are 100% recyclable.</p> <p>The roll goods are supplied on hard paper cores made of recycled cardboard. Even the secondary packaging of the rolls is made of recyclable paper. Each roll is supplied on wooden pallets that are sealed in recyclable, environmentally-friendly polyethylene film.</p>
	CONTRIBUTION TO LEED POINTS	Which points does the material contribute to in the following LEED categories: Sustainable Site, Water Efficiency, Energy and Atmosphere, Materials and Resources, Indoor Environmental Quality
COMPANY PROFILE	GREEN PHILOSOPHY	nora employees are committed to reducing their carbon footprint. The company's sustainable operational practices include recycling programs that encompass paper, bottles, computers and office equipment, as well as the use of recycled shipping materials and office furniture. Lighting motion sensors, low mercury compact fluorescent lights and programmable thermostats contribute to energy conservation. Even our coffee and tea is fair trade.
	CONTACT	<p>nora systems, Inc. 94 Glenn Street Lawrence, MA 01843 USA</p> <p>Toll-Free: 1-800-332-NORA Tel: (978) 689-0530 Fax: (978) 975-0110</p>

<u>MAINTENANCE</u>		* info-us@nora.com
	AFTER INSTALLATION	<ol style="list-style-type: none"> 1. Always use "wet floor" signs and/or caution tape when performing any wet cleaning. 2. Refer to MSDS for proper personnel protection requirements before using cleaning products. 3. Do not flood the floor. 4. The floor will be slippery when wet or contaminated with foreign materials. Promptly clean up spills and any foreign materials to maintain the slip-resistant properties of the flooring. 5. Never use grit brushes, black or brown cleaning pads. 6. Use a red cleaning pad for all norament® and noraplan® surfaces. 7. Make sure to maintain a good walk-off area in the entrance of the facility, in addition to regular dust mopping. 8. If required, dry buff nora floor coverings with a white cleaning pad or carpet cotton bonnet pad. 9. Do not allow any metal furniture or trash cans to be in contact with the wet floor.