

**ENVIRONMENTAL
DECLARATION 2009**

Updated version 2011



nora[®]

All About Flooring. **All About You.**

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I FOREWORD FROM THE BOARD

Dear readers,

In December 1996, Freudenberg Bausysteme KG (today nora systems GmbH) was for the first time audited under the rules of Directive No. 1836/93 (EEC), usually known as the EC's Eco-Management and Audit Scheme or EMAS. The present environmental declaration submitted was validated by an approved environmental assessor according to the new directive (EC) 1221/2009.

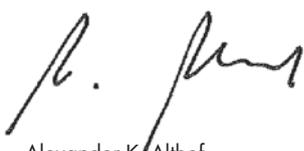
Freudenberg Bausysteme KG operates now under the name nora systems GmbH and is registered among the audited facilities through the Rhine Neckar Chamber of Industry and Commerce under Register Number D-153-00016.

In addition, we arranged for our eco-management systems to be certified since 1999 under the international DIN EN ISO 14 001 standard.

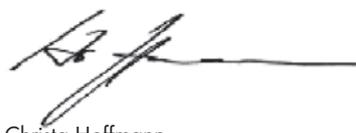
This environmental declaration reports on the continuous and progressing development of our eco-management system, our corporate environmental protection programme, the recording and analysis of our environmental impacts, and the implementation of our environmental goals.

If you have any further questions, please get in touch with us directly (see also 24).

Weinheim, May 20, 2011



Alexander K. Althof
CEO (Chief Executive Officer)
and Speaker of the Management Board



Christa Hoffmann
CFO (Chief Financial Officer)



II COMPANY PORTRAIT

nora systems GmbH was founded in October 2007. The company is successor in title of the Freudenberg Bausysteme KG business group, an autonomous enterprise since 1995, arisen from a division of the company Carl Freudenberg. The sales companies in some countries work independently. They form together with the production site, administration and development department the new nora system GmbH. The corporate structure involved is depicted below.

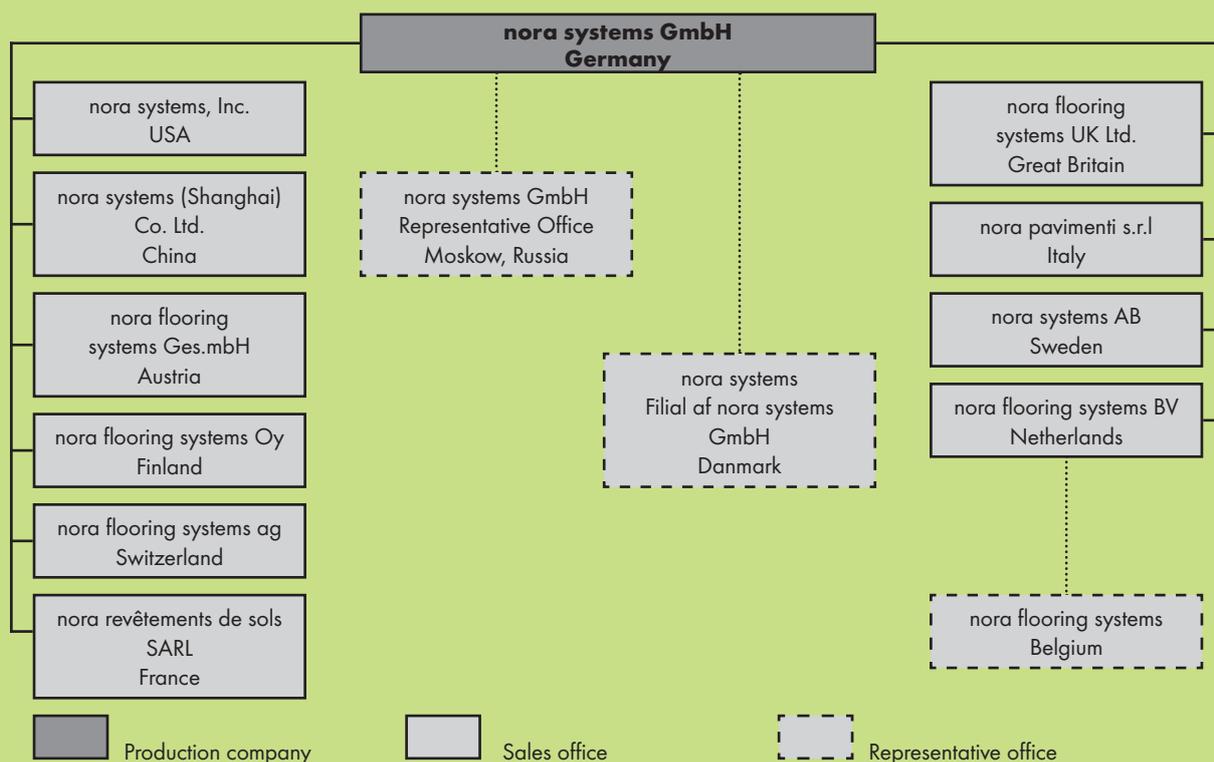


Fig. 1: Corporate structure

nora systems GmbH is a company specializing in high-quality floor covering systems and shoe components. With a production output of more than 6 million square metres a year, nora systems GmbH is the world's market leader for resilient rubber-based floor coverings. The noraplan® rolls are vulcanized in an endless web on automatic continuous lines, while the norament® tiles are produced in multiplaten presses. The materials for shoe components and the expanded-material sheets for orthopedic applications are likewise manufactured in presses.

nora systems GmbH currently has 861 employees in Germany, about 454 of them in the production operation. Annual turnover in 2010 exceeded 181 million euros. Development, production, administration and sales are concentrated at the facility in Weinheim. Sales abroad are all handled by local sales organizations, with another 240 staff worldwide.

The nora systems GmbH is located in the industrial park Weinheim ("Zwischen Dämmen"). The production lines and administrative buildings are essentially located in the south-west corner, where the "Alte Weschnitz" river arm forms the area's southern boundary. The buildings are rented from Freudenberg Immobilien Management GmbH.

Weinheim is conveniently situated in the Rhine valley, on the edge of the Odenwald Forest, in the vicinity of Mannheim and Heidelberg. The autobahn is only a few kilometres away.

On terms of European economic classification, the facility is assigned NACE Code 22.19.

III ENVIRONMENTAL POLICY

nora systems GmbH is fully conscious of its responsibilities to the natural environment. Environmental protection enjoys equal priority with other important corporate goals.

Environmental protection is handled at boardroom level in nora systems GmbH. The goals of supporting and fostering eco-awareness among our staff, and continuously improving corporate environmental protection with the best available technology which is also financially viable, are an integral constituent of corporate policy-making.

nora systems GmbH develops, produces and sells products which are as eco-compatible as possible in terms of their manufacture, utilization and disposal.

1. GUIDELINES

The management and staff of nora systems GmbH are working systematically to assure continuous improvement of corporate environmental protection. The aim is to use the best available technology, provided this can be reconciled with adequate cost-efficiency.

We focus on long-term goals: economical husbandry of all resources, utilization of a cooling water circuit, and the use of secondary raw materials show that ecology and economy are by no means mutually exclusive.

We practice preventive environmental protection: compliance with environmental legislation is a *sine qua non*, and is not restricted to the statutory minimum. Above and beyond the legal requirements, internal guidelines are enacted and appropriate action is taken to ensure our continuous improvement in terms of corporate environmental protection.

We regularly monitor the success of our environmental protection initiatives by means of internal and external audits, measurements and analyses, together with mutual feedback in internal working groups and on external bodies. Sustained success is possible only by involving all staff in line with their qualifications and responsibilities. Environmental protection is therefore an essential constituent of training and information.

We keep our customers informed about the eco-responsible production and utilization of our long-lived products, and provide guidelines on how they can be recycled after the end of their useful lifetimes. One defined objective of our processes is to minimize the impact on human beings and the natural environment.

We involve our business associates in implementing our environmental policies. Raw and process materials, plus packing materials, are also selected and used in line with environmental criteria.

We keep the public informed of our eco-relevant activities, and also of improvements and goals already achieved or currently planned in our company, through this environmental declaration and through further publications on the subject of environmental protection.

2. ECO-MANAGEMENT

Alexander K. Althof, spokesman for the board of management, bears overall responsibility for environmental preservation at nora systems GmbH. Responsible for Technology and Distribution, he is also consequently registered by name with the authority as being the person responsible in accordance with §52a BImSchG. The environment-related operational business activities were delegated to the Head of Technology, Dr. Peter Schwarzenberger. He is the company's Environmental Management Officer.

The body entrusted with formulating environmental protection goals and action plans is the Environmental Protection Committee. Environmental policies and the eco-programmes are implemented on all levels of the line organization.

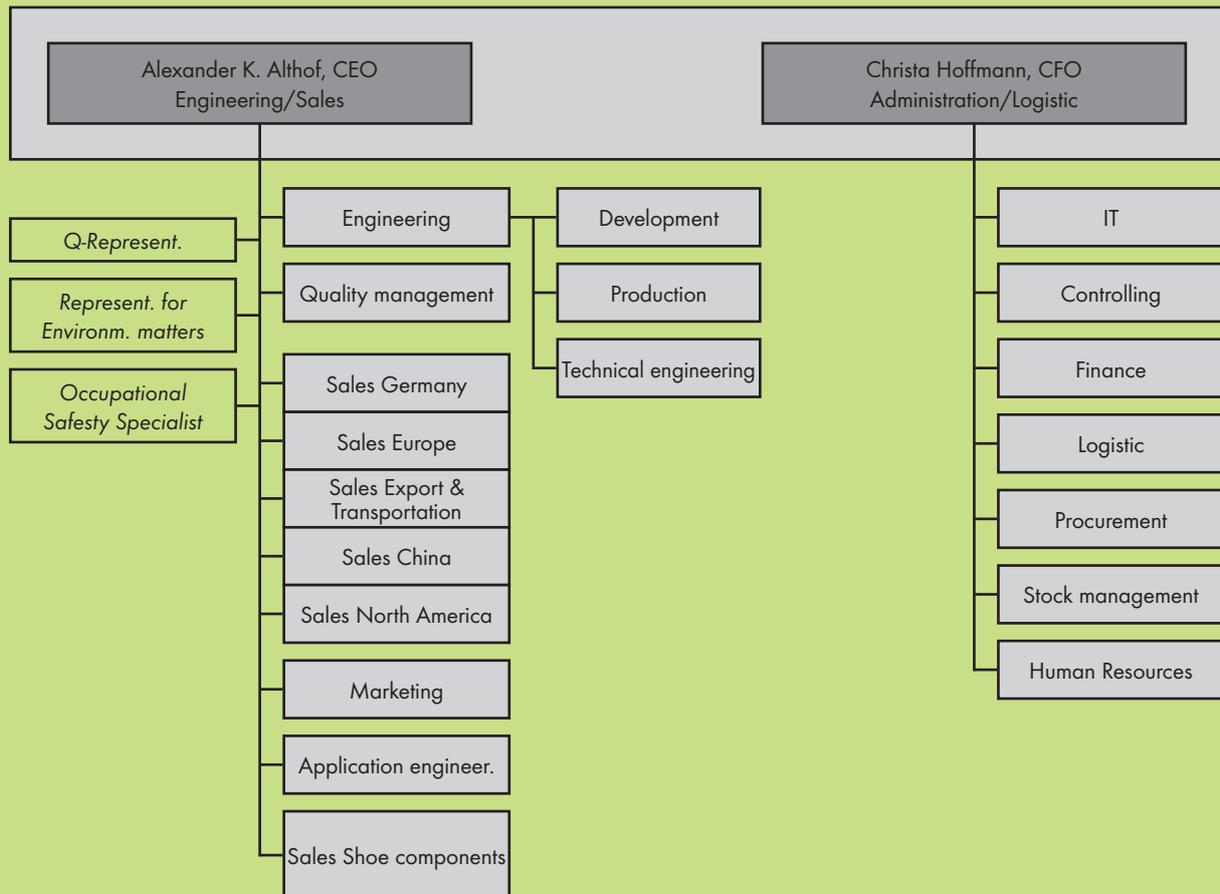


Fig. 2: Organigram of nora systems GmbH

Special remits in terms of environmental protection are handled by the following functions:

- The Head of Development is responsible for the substances used in our products.
- The Head of Engineering is responsible for planning, installation and maintenance of lines and equipment.
- The Plant Officer for Environmental Protection coordinates and monitors all environmental protection activities.
- The Hazardous Goods Officer is an employee of Freudenberg Service KG appointed by contractual agreement.
- The Freudenberg Service KG operates the Industrial Estate in Weinheim. The following of the environmentally relevant tasks are handled there under contractual arrangements on behalf of nora systems GmbH:
 - full-time plant fire brigade for emergencies
 - supplying energy and water
- The commissioning of an employee as immission control officer is not necessary according to legal regulations.

A detailed description of how corporate environmental protection has been organized is provided in an Eco-Management Manual, which is written and updated by the Plant Officer for Environmental Protection.

The eco-management system is regularly monitored by internal and external auditors. This ensures that all elements of the Directive (EC) 1221/2009 (EMAS) are being appropriately complied with. Any deviations from the rules discovered are discussed in the Environmental Protection Committee, and eliminated by appropriate measures taken in consultative coordination with the board.

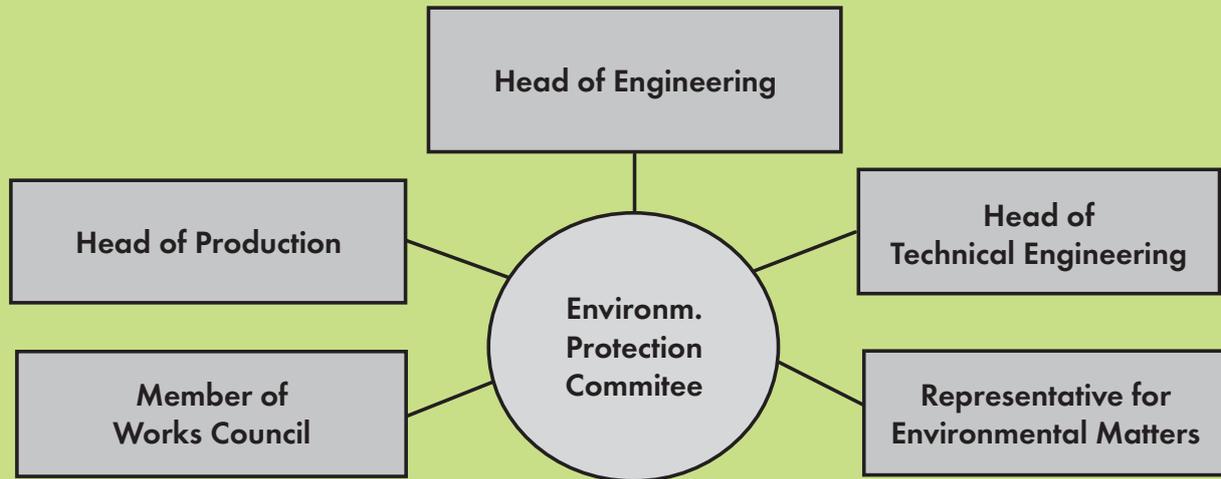


Fig. 3: Composition of the Environmental Protection Committee

IV ENVIRONMENTAL IMPACTS/SUBSTANCE AND ENERGY UTILIZATIONS

1. GENERAL

The diagram below shows in simplified form the process used for manufacturing floor coverings from rubber.

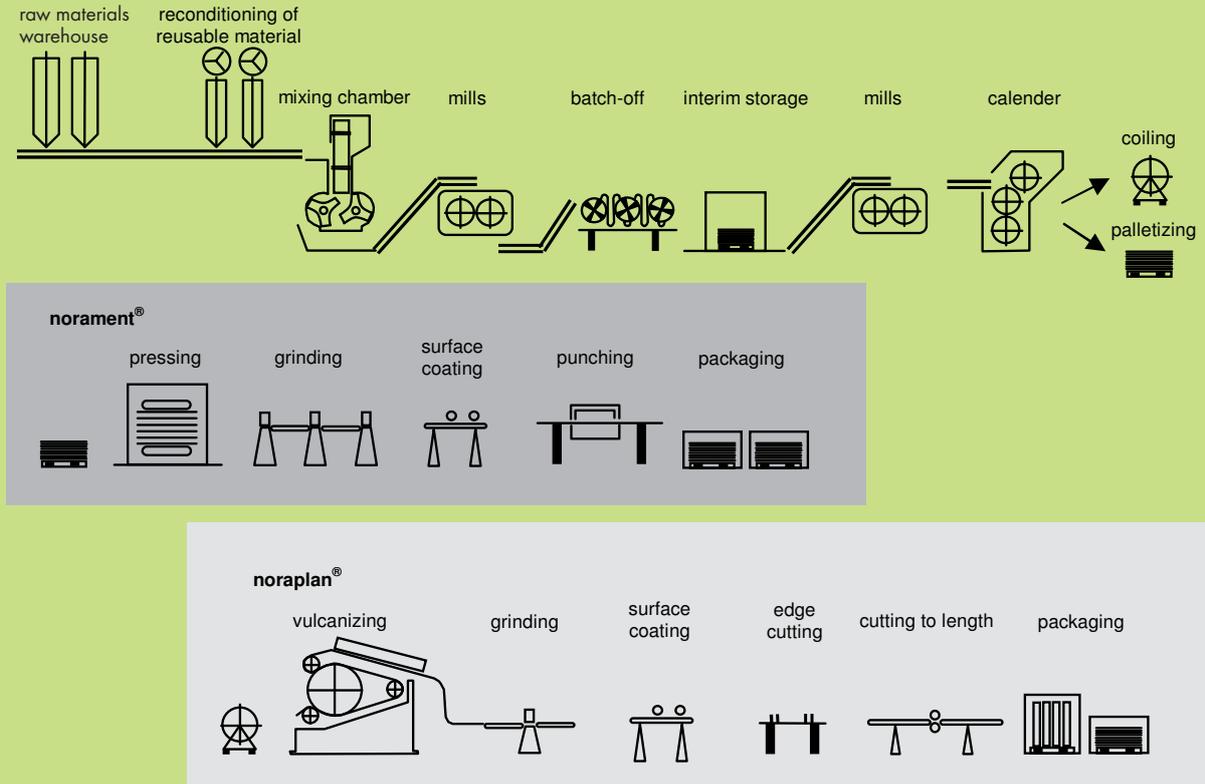


Fig. 4: Process diagram for the manufacturing of floor coverings

On the basis of a recommendation by the European Commission (2001/680 EC), the environmental impacts attributable to nora systems GmbH have been determined. The results are summarized in the table below.

Assessing environmental impacts		
STAGES OF THE ECONOMIC CYCLE		
Activities	Nature of environmental impacts	Influencing options
Procurement		
Purchase of starting materials for processing, distribution and marketing		
Purchasing of raw materials for the production process	Exhaustion of non-renewable raw materials Exploitation of raw material resources Energy consumption for raw material production and transport	Purchase renewable raw materials Use geogenic fillers Be alert for renaturation options Purchase recyclable materials Minimize the quantity of hazardous substances and hazardous goods Minimize transportation distances
Purchasing of process materials like paper, cardboard and other packing material	Wood consumption, water pollution	Purchasing of recycled paper and cardboard Re-usability / recycable materials
Development		
Product development		
Development of new products / design enhancement of existing ones	Indirect effects: raw material selection product design health aspects	Minimize the use of hazardous substances, re-usability / disposability Minimize emissions
Production		
Product manufacture		
Storage of raw and process materials	Pollution of the environment with chemicals Fire risk with emissions of conflagration gases	Avoid discharging unwanted substances into the environment
Mixing the raw rubber mixture	Pollution of the air by emissions Disposal of waste mixtures (defective batches, cleaning rubber) Removal of groundwater for cooling purposes	Dust arrestance units Minimize the cleaning cycles and multiple use Avoid preparation errors Ensure waste is recovered
Calanderizing blank rolls	Disposal of waste mixtures Removal of groundwater for cooling purposes	Minimize start-up and shut-down losses Ensure waste is recovered Reduce amount of groundwater removed for cooling purposes
Vulcanization in presses	Emissions into the air Disposal of edge trim waste Removal of groundwater for cooling purposes	Minimize lateral waste Ensure waste is recovered Reduce amount of groundwater removed for cooling purposes
Vulcanization on continuous machines	Emissions into the air Disposal of waste, start-up and shut-down losses, grinding dust Removal of groundwater for cooling purposes	Minimize start-up and shut-down losses Ensure waste is recovered Reduce amount of groundwater removed for cooling purposes

Finishing (punching, grinding)	Disposal of waste (punching waste, grinding dust) Removal of groundwater for cooling purposes	Ensure waste is recovered Reduce amount of groundwater removed for cooling purposes
Order-picking	Disposal of waste (sorting losses)	Ensure waste is recovered
Marketing and administration		
Sales promotion and marketing of products and services		
Informing customers about our products	Reduction in amount of waste entering the environment	Communicate appropriate information on installation, cleaning, disposal
Office activities involving use of energy, paper and office equipment	Reduction in amount of waste entering the environment	Separate the waste collected in the offices
Distribution		
Road and air transportation of products from their place of manufacture to wholesalers and customers		
Use of cardboard and films for transport packing	Reduction in amount of waste entering the environment Reduced consumption of materials	Use PE films, cardboard and wood Take back packing material
Road and air traffic	Global warming and local air pollution; exhaustion of mineral oil reserves; traffic jams and noise pollution	Use sea freight Optimize freight quantities per transportation trip
Disposal		
Waste disposal by the company	Possible waste entering the environment	Ensure that as much as possible is recovered
Disposal of product packaging and installation residues by client	Increased amount of commercial waste	Use packaging made of recyclable material and recoverable substances
Disposal of removed floor coverings	Waste entering the environment	Offer to take back products after removal

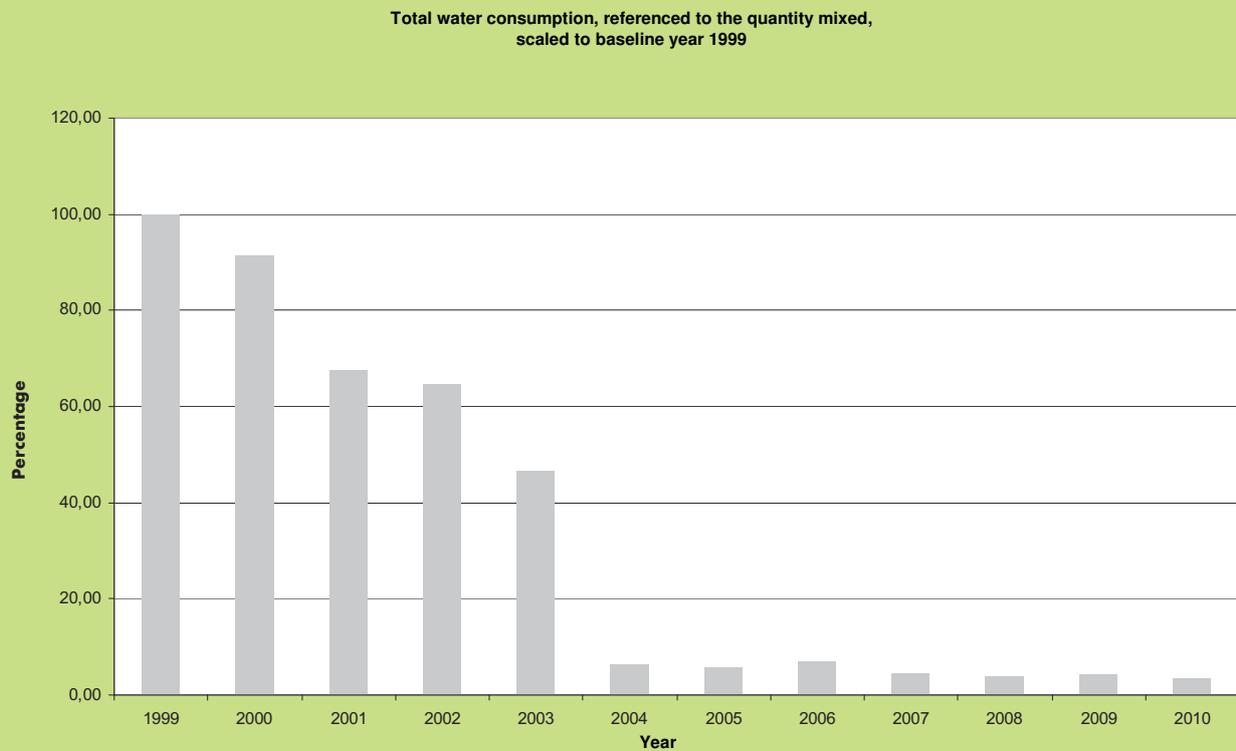
Table 1: Environmental impacts

Environmental impacts within the specific meaning of the EMAS Directive cover not only the consumption of energy and natural environmental goods like raw materials, but also the emissions into air and water, waste and noise, insofar as their impacts extend beyond the site's boundaries. They are quantified and explained in the sections below.

The figures given below are from time-series covering several years. The data given are relative data, since they are always referenced to the quantity mixed of the year concerned. Experience has shown that this is essential if the annual figures are to be meaningfully compared. The quantity mixed is the total masses of all raw and process materials made into raw mixtures in the mixing chamber.

2. WATER AND WASTEWATER

Water consumption per ton of quantity mixed. The quantity of water consumed in the reference year 1999 in tons per ton mixed is indicated by 100 %.



The total water quantity is composed of several different water qualities. The breakdown of water categories for 2010, for instance, was:

Well water (cooling water)	27 %
Municipal water (drinking, sanitary water)	46 %
Demineralized water	27 %

In total the water consumption could be reduced by up to 96 % to 4 % in comparison to the year 2010. In substance this is caused by the decrease of well water; therefore the percentage of demineralized water (for cooling towers) and municipal water (sanitary) has increased respectively.

Well water, which is provided by the Freudenberg Service KG on the industrial estate "Zwischen Dämmen", is used for toilet flushing and in the beginning of 2007 as additional cooling system. Else the production line is cooled via own cooling towers and thermal/electrical generated cooling energy from the power plant of the Freudenberg Service KG.

The municipal water from the public supply is used as drinking water and in the sanitary facilities; the resultant wastewater corresponds to domestic wastewater in terms of its composition.

Demineralized water is used in processes and machines where deposits of salts dissolved in water absolutely have to be avoided, especially in cooling towers.

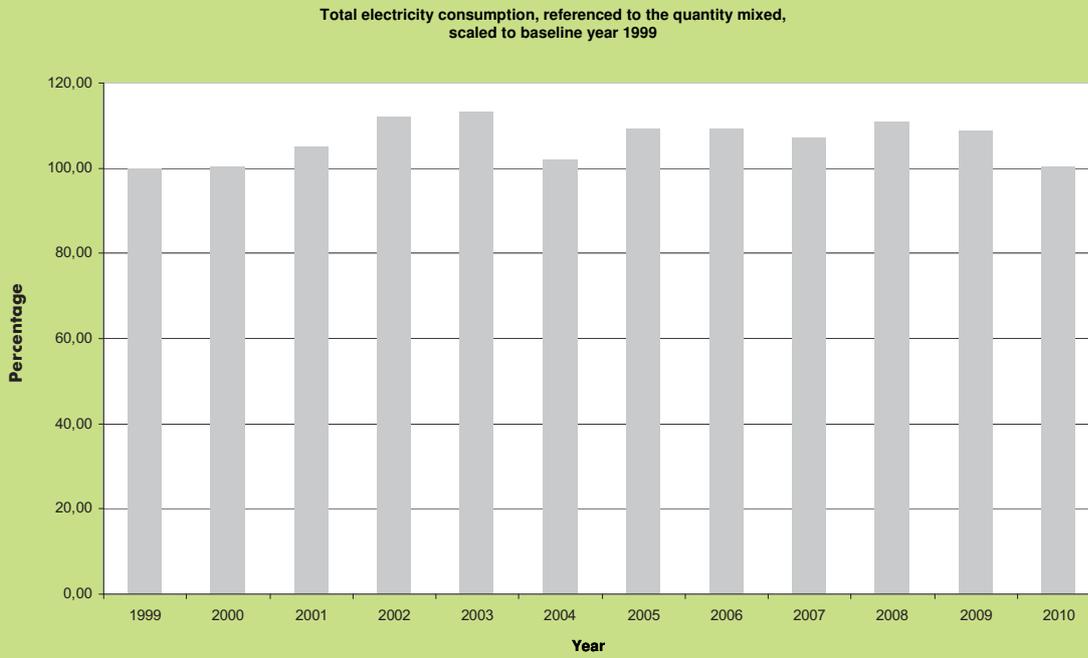
All the wastewater produced, essentially consisting of sanitary wastewater is purified in the sewage plant, which is operated by Freudenberg Service KG. The four-stage process used also eliminates nitrogen compounds, which may contribute towards eutrophication of the surface water.

Dirty water and rainwater (surface drainage) on the site are passed into separate drainage systems. The rainwater is discharged into the river Weschnitz.

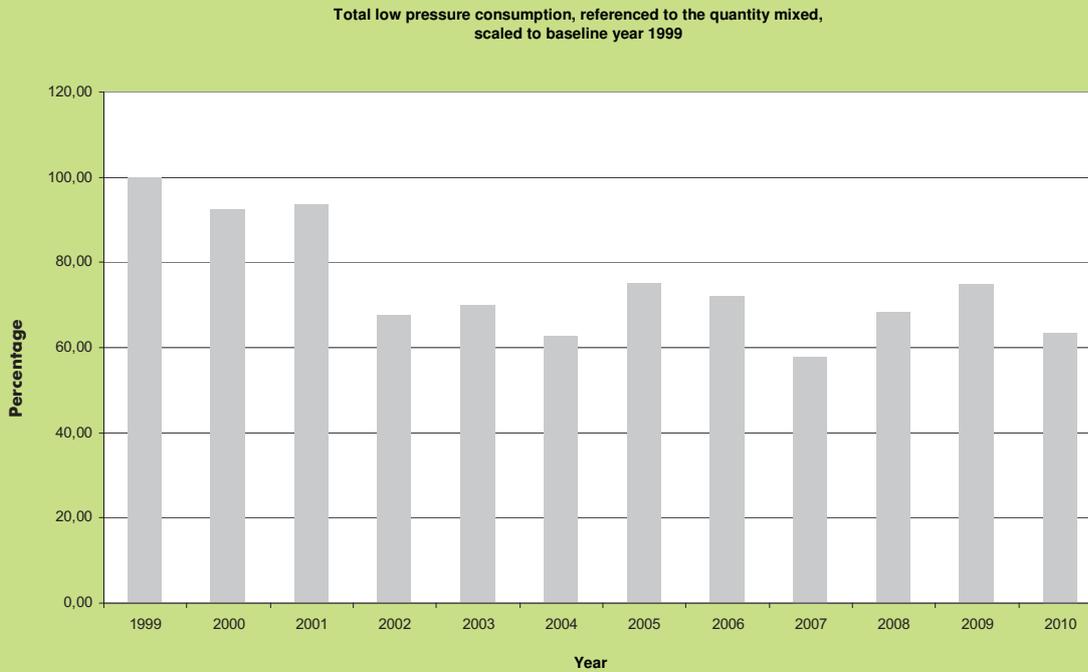
3. ENERGY

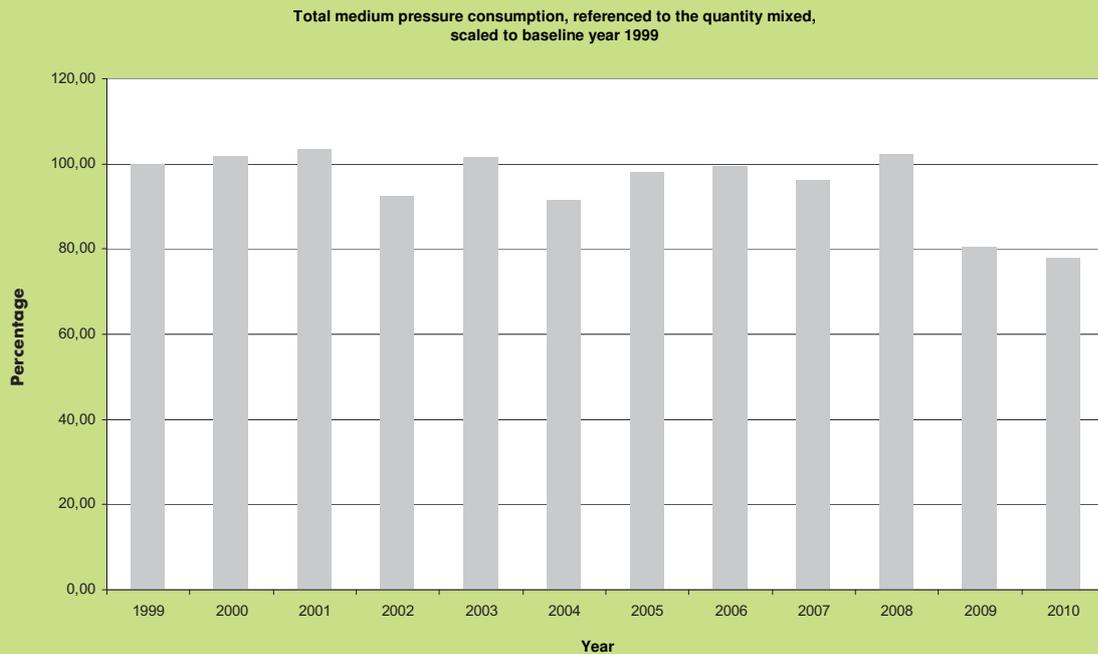
a) Electricity

The time-series diagrams below provide a visualized depiction of our energy consumption. As a reminder: due to the targeted comparability, the data are referenced to the quantity mixed, the baseline year (100 %) is 1999.



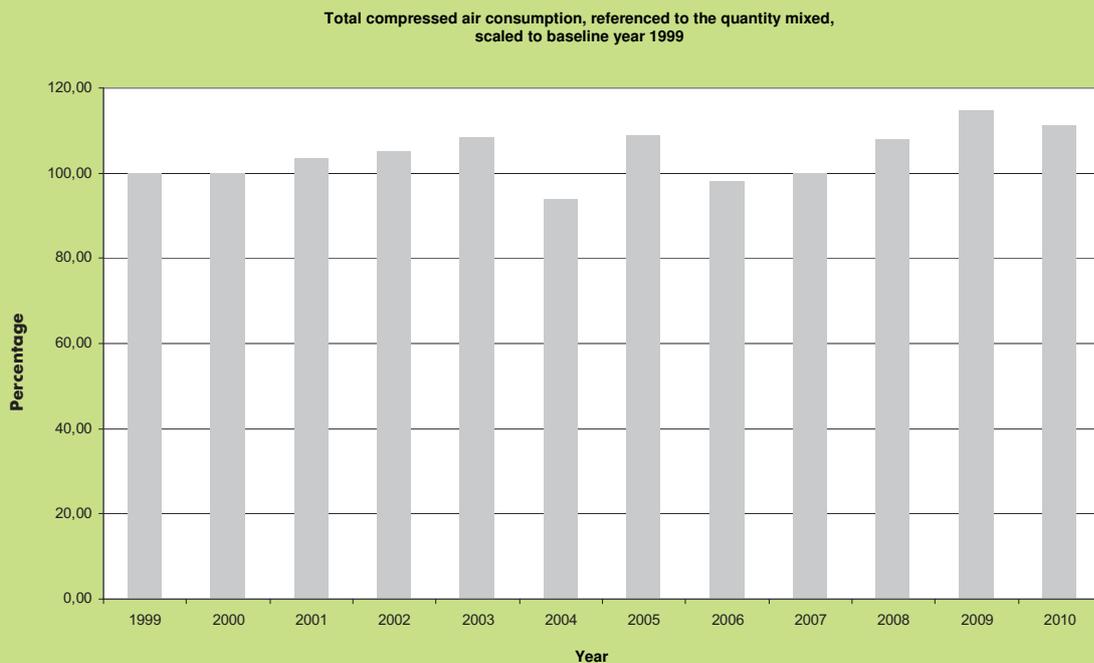
b) Low-pressure steam



c) Medium-pressure steam

nora systems GmbH is supplied with all forms of energy by the energy department of Freudenberg Service KG. Electricity and medium-pressure steam as the principal energy carriers for the processes are generated from natural gas in a cogeneration power plant, located in the industrial park with an efficiency of about 85 %, for maximized eco-compatibility.

The low-pressure steam consumed is utilized for heating production halls and offices. The decrease of the consumption since 1999 has its cause in better heat insulation of the used buildings and automated gates (especially in the cold seasons). The differences in the last four years depend on the variability of the yearly temperatures.

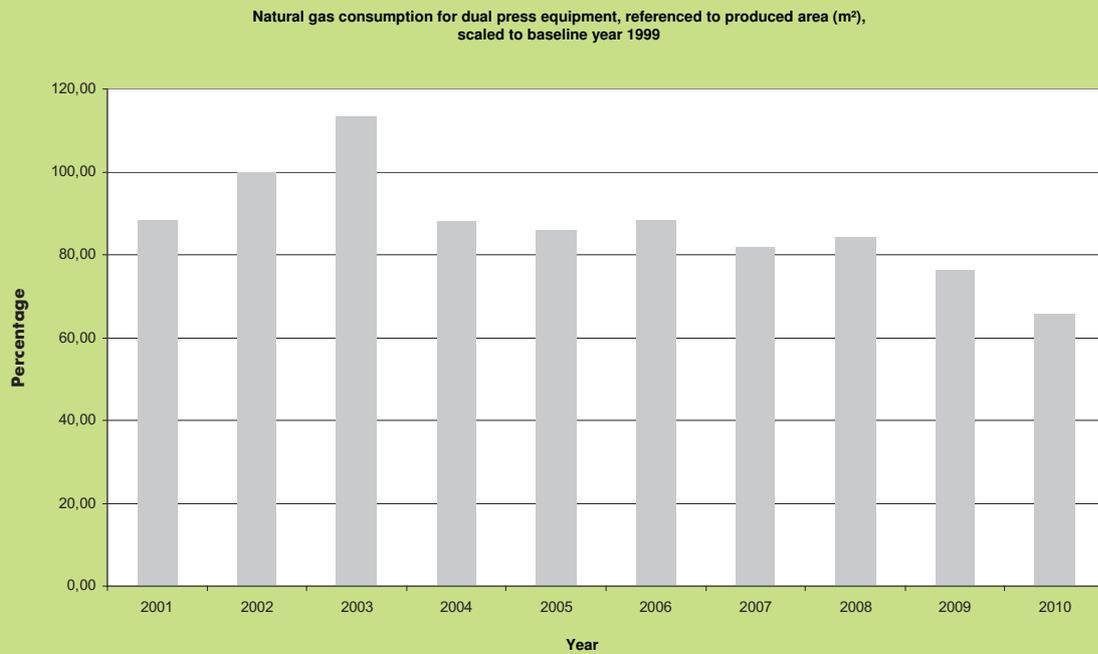
d) Compressed air

The compressed air for all main parts of the production line is also provided from the Freudenberg Service KG. In substance it is used for the machine control and for re-blowing of particle filters.

e) Natural gas

In 2001 and 2002 new continuous equipment for the manufacturing of roll goods has been installed. The necessary process heat is generated directly on-site by a fire tube boiler fed by natural gas. The quantity produced on this line was increased since 2004, so that improved energy consumption is visible because of a better usage rate. (The figure refers to the total area of floor covering per year, which has been produced on this equipment.)

In contrast to the above specified consumptions (a-d), the natural gas consumption in kWh is referenced per production quantity in m² at the twin-belt press (V 6). The year 2002 is chosen as reference year and equals 100 %.



4. KEY INDICATORS FOR THE ENVIRONMENTAL PERFORMANCE

Input - quantity mixed	36,344	t/a	Nitric oxide (NO _x)	7.610	t/a
Output - finished products	29,128	t/a	Nitric oxide/output	0.000261	
Material efficiency	1.25		Sulphur dioxide	0.101	t/a
Energy efficiency			Sulphur dioxide/output	3.47E-06	
Heat and electrical power	52,389	MWh/a	Emissions (direct)		
Percentage of renewable energy	1.9	%	Natural gas consumption	2,699	MWh/a
Energy/output	1.80	MWh/t	equiv. to carbon dioxide	553.3	t/a
Emissions, power station (indirect, FSE data)			Built area	50,065	m ²
Carbon dioxide	13,246	t/a	Area/output	1.72	m ² /t
Carbon dioxide/output	0.455		Water consumption	15,777	m ³ /a
Carbon monoxide	0.049	t/a	Water consumption/output	0.542	m ³ /t
Carbon monoxide/output	1.68E-06		Total waste	8,047	t/a
			Total waste/output	0.276	
			Hazardous waste	47.8	t/a
			Hazardous waste/output	0.00164	

Table 2: Key indicators

The key indicators listed above have been added to this updated Environmental Declaration. They correspond to the specifications laid down in EMAS III. Since they are being reported for the first time, it is not yet possible to publish any time series. The data on energy production emissions originates from the power station operated by Freudenberg Service KG.

They therefore do not have a direct effect on the production activities at nora systems GmbH, but are relevant to the environment. Details of PM, N₂O and fluorinated compound emissions are not included because they are either measurably minute or are not relevant. The waste flows are reported on in detail in the chapter on useful materials (6).

5. EMISSIONS OF VOLATILE SUBSTANCES

Due to measure-values of an emission register from 1999 until 2001 and single measurements until March 2008 the exhaust air loading per hour production can be calculated:

Volatile substances, as total carbon 4 kg/h
corresponds to 0.7 kg per ton of quantity mixed

The total figure stated for overall emissions is accounted for by measured emissions (guided air flows) and by diffuse emissions (estimated from solvent consumption).

There is no legal obligation for the investigation of an emission register of the production line. Voluntarily it is planned to update the register, so that newly installed equipment is also regarded.

It was also possible to reduce the consumption of solvents for cleaning purpose. Therefore the VOC-emissions are diminished of at least 50 %.

Noise emissions are regularly recorded in a noise register (most recently in 2005). Within the production operation, there are noise areas designated in accordance with the occupational safety guidelines. An action plan for reducing the noise levels in these areas is in place. Substantial successes have been achieved by replacing loud machines and by technical measures such as enclosures.

6. REUSABLE MATERIAL MANAGEMENT SYSTEM

a) Reusable materials and wastes

Details of the occurring material substance amounts can be found in the table below:

WKN No.	WKN Designation	Internal Designation	Weight (t)	Wgt./finish. prods. (kg/t)	mr	thr
070299	Waste n.o.n.	Vulcanized rubber powder	2624.3	90.1	X	X
070299	Waste n.o.n.	Vulcanized rubber powder	965.0	33.1	X	
070299	Waste n.o.n.	Vulcanized granules	672.1	23.1	X	
070299	Waste n.o.n.	Non-vulcanized granules	248.0	8.5	X	
070299	Waste n.o.n.	Non-vulcanized rubber lumps	626.5	21.5	X	X
070299	Waste a.n.g.	Non-vulcanized rubber lumps	742.5	25.5	X	X
070299	Waste n.o.n.	Non-vulcanized rubber lumps	334.7	11.5	X	
070299	Waste n.o.n.	Vulcanized rubber EVA	26.7	0.9	X	
070299	Waste n.o.n.	Vulcanized rubber for granulating	213.9	7.3	X	
070299	Waste n.o.n.	Residual waste	198.2	6.8		X
150101	Paper and cardboard packaging	Cardboard packaging, paper	64.4	2.2	X	
150102	Plastic packaging	Film, plastic strapping	58.8	2.0	X	
150102	Plastic packaging	Film bales	36.6	1.3	X	
150103	Wood packaging	Waste wood	433.6	14.9	X	
150106	Mixed packaging	Mixed packaging	56.9	2.0	X	
040209	Waste from compound materials	Polyamide fabric	8.0	0.3	X	
200101	Paper and cardboard	Separating paper	676.3	23.2	X	
170405	Iron and steel	Scrap metal	57.4	2.0	X	
200139	Plastics	Punch strips	2.2	0.08	X	
170411	Cable	Cable remnants	1.1	0.04	X	
130205*	Mineral oil-based, non-chlorinated machinery, gearbox and lubricating oil	Machinery, gearbox and lubricating oil	19.4	0.67	X	
150202*	Absorption and filter materials (including oil filters n.o.n.), wiping cloths and protective clothing that are contaminated by hazardous substances	Oil-stained resources/ solvent-based resources (absorption cloths)	9.6	0.33		X
070208*	Other reaction and distillation residues	Manufacturing residues	16.3	0.56		X
080113*	Paint and lacquer sludge containing organic solvents or other hazardous substances	Paint and lacquer sludge	2.1	0.07		X
150110*	Packaging containing residues of hazardous materials or contaminated by hazardous materials	Metal containers coated with harmful residues	0.4	0.01	X	

Table 3: Key indicators

WKN = waste key number

mr = material recycling

thr = thermal recycling

Since 2008, all useful materials have been sorted and collected so that they can be resold afterwards wherever possible and thus returned to the resource cycle.

With 80 %, the rubbers resulting from floor coverings have the largest share in the total waste. Of these 80 %, 60 % were directly resold as reusable waste. The remaining 40 % consisted of the rubber dust resulting from production and single items. The single items are shredded before further processing and then are used together with the rubber dust in the cement tube furnace of the relevant cement mill. There, the fine-grain silicone oxides – which make up approx. 50 % of the floor covering – are released by burning the rubber. They form an ideal raw material for the Portland cement produced there. This means that the rubber residues are recycled both thermally and as material.

Further collected fractions – as mono-fraction reusable waste – are: paper and cardboard packagings, timber, plastics and packagings and metals. This reusable waste – is collected and stored as mono-fraction materials and then sold to the corresponding industrial enterprises.

The percentage of the total substance recycling meanwhile amounts to 75 %.

The small quantities of residue materials are utilized for generating heat or electrical energy at incineration plants.

b) Recycling of production waste

Grinding dusts from the norament® end processing are separated by colour before being collected, and after a sieving process are admixed to appropriate products in the mixing process as a high quality filler.

For special applications (e.g. installation in golf club buildings, large-animal clinics and indoor rifle ranges), we produce norament® tiles, which in addition to a top layer of new material, exhibit a thick underlay of recycled materials.

For design creating decorative granules are used. Originally this design has risen out of the idea to reuse web flashes, which accrue during production. Due to the demand of granules and colour shades they are not sufficient any longer. Compact material is vulcanized, which is then processed to granules.

Internally processed substances are not included in this figure. These are centrally collected through our office cleaning provider and transferred to the reusable material cycle.

c) Raw materials used

Since 2000 the following substance quantities have been processed into rubber mixtures.

The alteration of the proportions of the substance quantities is substantiated by a commercial adjustment within the allocation of the goods groups.

Raw and process materials are stored in the central warehouse.

We pay particular attention here to hazardous substances, particularly those which are a threat to water. Storage of water-hazardous substances has been audited by an approved

assessor organization. Substances whose storage is governed by the German Plant Safety Ordinance are kept in an approved VbF (German Ordinance on Flammable Liquids) store until they are used.

Almost all raw materials used to produce the rubber mixtures are processed in the mixing shop. To save on packing material, the raw materials used in large quantities are stored in silos, and dosed into the process from there.

For packing our products, we take re-usable or recoverable materials like wooden pallets, PE films and cardboard. For the pallets, we offer a return scheme with a financial incentive.

Year	Rubber [t]	Fillers [t]	Process materials Cross-linking chemicals Pigments [t]
2000	12,800	18,500	5,500
2001	11,900	17,300	5,100
2002	11,550	17,500	4,950
2003	11,400	17,200	4,900
2004	12,780	18,000	4,350
2005	11,770	17,200	5,600
2006	12,500	19,500	4,700
2007	12,600	19,600	4,700
2008	11,500	18,200	4,400
2009	10,100	17,200	4,100
2010	11,400	18,200	5,600

Table 4: Substance quantities since 2000

V ECO-PROGRAMME

1. OUR ECO-PROGRAMME FOR CONTINUOUS IMPROVEMENT OF 2006

For the three-year interval up to revalidation 2009, we had set ourselves the following goals:

No.	Environmental goals	Improvement planned, with action required	Goal
1	Detailed analysis of the energy consumption	<ul style="list-style-type: none"> Structuring of the energy grid Breaking down to the consumer Online-data-registration and correlation with production protocol 	End of 2008 Responsible: Engineering
2	Qualification of two internal environmental auditors	<ul style="list-style-type: none"> Training of further employees as substitutes for retired staff 	End of 2008 Responsible: Plant officer for Env. Protection
3	Material recovery of rubber waste	<ul style="list-style-type: none"> Increase of the rate of material recovery of both vulcanized and unvulcanized rubber waste of at least 50 % 	Mid of 2009 Responsible: Head of reusable material management
4	Updating of emission register	<ul style="list-style-type: none"> Measurements on all chimneys with relevant emissions Summary of data in a register Investigation of total emission of the company referred to the quantity mixed 	Mid of 2008 Responsible: Plant officer for Env. Protection and engineering

Table 5: Environmental goals of the 2006 eco-programme

2. IMPLEMENTATION OF THE ECO-PROGRAMME OF 2006

Goal 1: Detailed analysis of the energy consumption

Significant saving potentials could be achieved in the area of steam cycles for process steam (medium-pressure steam) and steam for heating purposes (low-pressure steam).

Comprehensive analysis measures showed energy losses in this respect which were caused by inoperable steam traps. A register established for all steam traps in 2008 closed the gap in monitoring. In order to make this steam register even more efficient, new analysis methods with new measuring equipment were introduced. The functioning of the steam traps is checked in regular intervals of approx. 1-2 months.

In 2008, three further energy saving measures were introduced. E.g., presses or the vulcanization machine (AUMA) are stopped when they are not in operation. In addition, the insulations of steam-carrying pipings and parts were replaced.

The online data recording has been implemented to a large extent with the help of the programme INSQL. The system Scarabeus has been introduced in the mixing plant as additional process tracking system. Both systems will be referenced to the products or product quantities in 2009.

Goal 2: Qualification of two internal environmental auditors

The environmental officer of the company has trained an employee as internal environmental auditor until the end of 2008. The training of a further auditor is planned for the year 2009 (already taken care of).

Goal 3: Material recovery of rubber wastes

Since 2008, all rubber wastes (vulcanized and unvulcanized) have been fully put to material recovery.

Goal 4: Updating of the emission register

The regular annual emission measurements at the vulcanization plant were performed in accordance with the notice of approval.

The results show that the required limit values are clearly undershot. The measurements for the emission register were conducted in 2009 and 2010 (cf. Table 6).

3. THE PRESENT ENVIRONMENTAL GOALS UP TO THE YEAR 2012

The goals of the three-year plan from 2009 to 2012 are as follows:

No.	Environmental goal	Planned improvements, including required measures	Time / responsible
1	Additional measurements on the emission register	- Pooling of the data in a register - Determination of the total emissions of the company with regard to the used substance quantity	August 2009 Responsible: Environmental protection officer, Manager techn. services
2	Establishment of corporate social responsibility with various projects	The responsibility of the company for social issues external to the company is to be documented by several projects CSR (Corporate Social Responsibility)	End of 2010 Responsible: Management, Marketing & Sales
3	Increase of the percentage of material recovery	The percentage of total material recovery of 78 % in 2008 is to be increased, if possible	2010 – 2011 Responsible: Manager Reusable Material Management
4	Reduction of the raw material consumption by approx. 5 %	Saving potentials are to be analysed, used and documented	End of 2009 Responsible: Manager Production

Table 6: Environmental goals of the present environmental programme 2009

Environmental goals with a time frame until the end of 2010:

Goal 1: Emission register

The most significant manufacturing plants concerning emissions were surveyed. Emissions have remained practically unchanged compared with the preceding register. This means that emissions per processed tonne have not changed substantially either.

Goal 2: Establishment of a corporate social responsibility ethos with different projects

Within the scope of the project, several donations have been made to social projects and organisations such as "Ärzte ohne Grenzen".

A nora team actively participated on a project to expand the multi-generation house in Weinheim as part of the Volunteers' Day organised by the Rhine-Neckar Metropolitan Region.

The project has meanwhile been put back due to a lack of people.

Goal 3: Consumption of raw materials

The consumption of raw materials in 2009 and 2010 dropped by 1.3 % across all the product groups. Despite the considerable efforts that were made, it did not prove possible to achieve greater savings.

VI ENVIRONMENTAL PRODUCT DECLARATIONS

In mid-2010, nora systems GmbH began drafting environmental product declarations for their leading norament® and noraplan® floor coverings (norament® 926 and noraplan® 913 formulations) and noraplan®. Usually referred to as EPDs, these comprehensive descriptions covering the entire lifecycle of the products from the production of the raw materials through to disposal of the products were published at the beginning of 2011. Based on a full ecobalance (LCA) "from the cradle to the grave", they were calculated by PE INTERNATIONAL in Stuttgart.

Not only do the declarations serve the interested public domain in providing special information on the environmental qualities of the products, but they also aid construction planners in drawing up building performance audits.

Both of these declarations, as well as those for several other building products, are available on the website of the Institute Construction and Environment (IBU) at the following link:

<http://bau-umwelt.de/hp3621/Bodenbelaege.htm>

VII CONTACT DATA

As part of our responsibility for the environment, we maintain a dialogue with the public domain. Please contact nora systems GmbH, preferably by e-mail, for further information and to submit queries and suggestions.

We will pass on your inquiry to the appropriate specialised department.

nora systems GmbH Telephone: +49/6201/80-6633
Höhnerweg 2-4 e-mail: info@nora.com
69469 Weinheim <http://www.nora.com>
Germany

VIII DECLARATION OF VALIDITY

DECLARATION BY THE ENVIRONMENTAL VERIFIER ABOUT THE VERIFICATION AND VALIDATION ACTIVITIES

The undersigned, **Dr. Bernd Frei**, EMAS Environmental Verifier with the registration number **DE-V-0015**, accredited or registered for **Section 22** (NACE codes), hereby confirms to have verified whether the plant or the entire organisation as stated in the updated Environmental Declaration of the organisation **nora systems GmbH, 69469 Weinheim/Germany** with the registration number D-153-00016 fulfils all the specifications as laid down in EU Directive No. 1221/2009 of the European Parliament and the European Council dated November 25, 2009 covering the voluntary participation of organisations in a communal system for environmental management and environmental audits (EMAS).

With the signing of this declaration, it is hereby confirmed that

- the verification and validation were conducted in full compliance with the specifications of EU Directive No. 1221/2009,
- the results of the verification and validation confirm that there is no evidence of non-compliance with the applicable environmental regulations,
- the data and information given in the updated Environmental Declaration of the organisation/location represent a reliable, plausible and true picture of all the activities of the organisation/location within the scope stated in the declaration.

This declaration cannot be equated with an Environmental Management and Audit Scheme registration. The EMAS registration can only be undertaken by an appropriate authority in accordance with EU Directive No. 1221/2009. This explanation may not be used on a standalone basis for informing the public domain.

Weinheim, 20.05.2011



Dr. Bernd Frei
Environmental Verifier
Hadäckerstr. 27
70597 Stuttgart

IX CERTIFICATE ACCORDING TO EU ENVIRONMENTAL AUDIT DIRECTIVE OR EMAS

Certificate of Registration



nora systems GmbH
Höhnerweg 2-4
69469 Weinheim

Registration-No.: DE-153-00016

Date of first registration 7th March 1997

This organisation has established an environmental management system according to EU-Regulation Nr. 761/2001 and EN ISO 14001:2004 section 4 to promote the continual improvement of environmental performance, publishes an environmental statement, has the environmental management system verified and the environmental statement validated by a verifier, is registered under EMAS and therefore is entitled to use the EMAS-Logo.



Mannheim, 18th December 2009


Dr. Gerhard Vogel
President


Prof. Dr. Franz J. Luzius
Chief Executive Officer

X CERTIFICATE FROM THE DEUTSCHE GESELLSCHAFT ZUR ZERTIFIZIERUNG VON MANAGEMENTSYSTEMEN (DQS) – ENVIRONMENTAL MANAGEMENT SYSTEM ACCORDING TO DIN EN 14 001



CERTIFICATE



DQS GmbH

Deutsche Gesellschaft zur Zertifizierung von Managementsystemen

hereby certifies that the company

nora systems GmbH

Höhnerweg 2-4
69469 Weinheim
Germany

has implemented and maintains an **Environmental Management System**.

Scope:

Manufacture, sales and marketing of floor covering systems, shoe components and table mats made of rubber

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 14001 : 2004

Certificate registration no. 053195 UM
Date of certification 2009-06-30
Valid until 2012-06-29



Michael Drechsel
Managing Director

Jan Böge
Managing Director



August-Schanz-Straße 21, 60433 Frankfurt am Main

For more information go to www.barbourproductsearch.info

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