



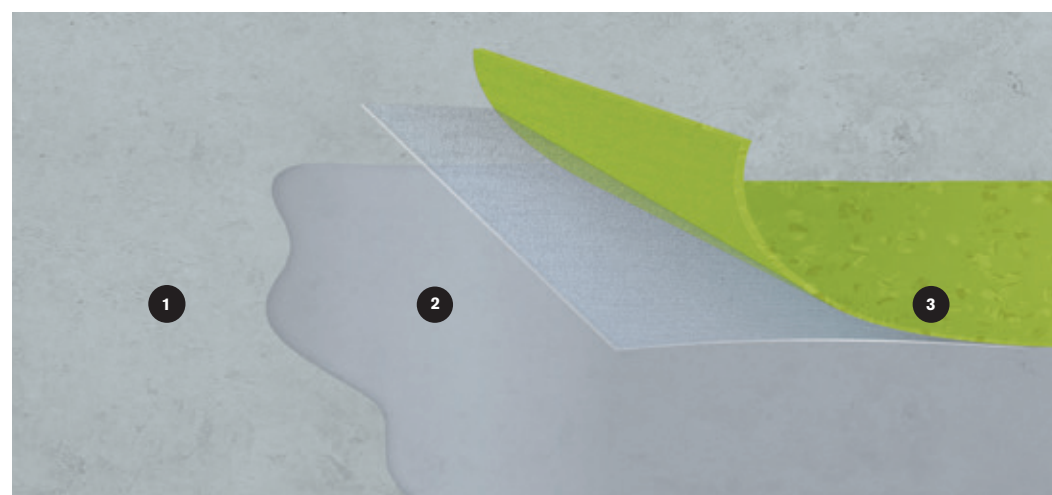
nora[®] nTx – Safe. Fast. Universal.

The revolutionary quick installation system

nora[®]
by **Interface**[®]

What is nora nTx?

nora nTx is a unique technology for the professional installation of nora rubber floor coverings. Ingeniously simple – nora nTx brings its adhesive strength along from the factory. The flooring is cleanly and safely installed in only a few steps and immediately ready for use. And this can be done on the concrete or cement screed subfloors typical in new construction, as well as over other existing floor coverings. Even high residual moisture in the subfloor is not a problem for nora nTx.



1 Subfloor 2 nora® nTx 020 (primer) 3 nora® nTx floor covering with self-adhesive back

nora nTx consists of our noraplan® and norament® standard floor coverings, which are equipped with an adhesive backing. The adhesive is covered with a protective film. The glue – like our floor coverings – is rubber-based and particularly health-friendly. Specially developed installation materials and tools for nora nTx provide functional safety and ensure the highest quality standards. nora nTx was awarded the “Plus X Award” in the “High Quality and Functionality” category.



The advantages at a glance:

With nora nTx you can **reduce installation time by up to 50%** and can even **carry out renovations during ongoing operations**.

Installation problems like bubbles, residual indentations, or seams **belong to the past**.



Reliable installation result

nora nTx reduces installation problems: no bubbles, no residual indentations, no seams. Everything from a single source: 10-year-warranty*.



Immediate usability

Avoid drying and waiting times. Installation is possible during ongoing operations, and the floor can be used immediately after installation.



High efficiency

The preparation of the floor and the installation of nora nTx require only a few work steps – for more space in less time.



For all types of subfloors

nora nTx is suitable for all common types of subfloors – ideal also for problematic subfloors and underfloor heating.



Use with residual moisture

Application in new builds also possible with increased residual moisture in the subfloor.



Covering-over-covering installation

In the case of renovations, installation is possible directly over existing floor coverings in just a few steps.

The **installation of nora nTx** is very **easy and fast**: roll out floor covering and cut, remove protective film, glue, roll on – finished.

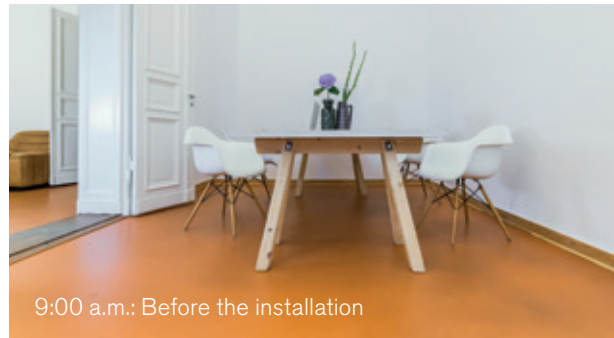
Compared to conventional wet bonding, it is possible to **avoid multiple work steps** and thus **error sources**, for example the application of the adhesive, **as well as drying and waiting times**.



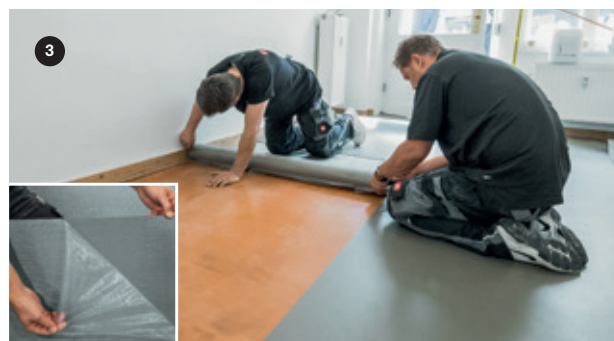
*Under the criteria indicated in our warranty conditions (to be requested at warranty@nora.com)

How does installation with nora nTx work?

“Covering-over-covering” installation example with noraplan nTx in the Meyer + Harre Interior Design office, Berlin, Germany



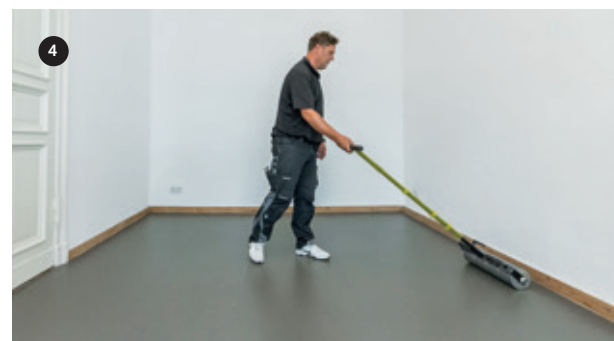
Preparing the subfloor: sand, vacuum, and apply the nora nTx 020 primer; sand again and vacuum.



Install the flooring: remove protective film and attach the floor covering.



Cut the flooring: roll out the flooring cut to fit.



Allow floor to rest: the floor can be used immediately – without waiting.



Photos: © Michael Reitz

All information and additional examples featuring the nora nTx installation technology can be found at www.nora.com/ntx.

nora nTx guarantees safe installation results.



Comparison of nora nTx to conventional wet bonding

Explanation of the potential risks associated with conventional wet bonding and their causes:

Bubble formation:

Flooring detaches from the subfloor and forms bubbles due to lack of adhesion.

- The applied layer of levelling compound is not sufficient to absorb and bind the water in the adhesive.
- The flooring was placed onto the adhesive early, the adhesive is not sufficiently ventilated/dried.¹⁾
- The subfloor had excessive residual moisture content during installation of the floor covering.²⁾

The solution: Installation with nora nTx

No bubble formation ✓

Dry bonding, partial filling only where necessary. Application with increased residual moisture possible.

Residual indentations:

Visible depressions in the covering due to depressions in the adhesive.

- Too much adhesive is applied. The adhesive film compresses under pressure and causes residual indentations in the coating, which do not return to normal.
- The flooring was placed onto the adhesive too late, the adhesive was allowed to air/dry too long. The adhesive furrows are very sturdy, but can be pressed together with appropriate applied pressure and cause residual indentations in the covering.
- Adhesion depressions during processing: installation was too rapid; in previously installed areas, the adhesive was not sufficiently hardened.
- The floor was walked on too soon after the installation.

No residual indentations ✓

Dry bonding requires only a thin adhesive layer therefore eliminating residual impression marks.

Seams:

Insufficient adhesion and resulting separation of the flooring in the seam area.

- The flooring was placed onto the adhesive too late, the adhesive was allowed to air/dry too long. The back of the floor covering was not sufficiently covered with adhesive, the adhesive furrow was not crushed.
- The subfloor was too thin (less than the manufacturer's recommended layering thickness) or the levelling compound was not applied in the correct mixing ratio. Sufficient connection with the adhesive was not possible.
- The subfloor had excessive residual moisture content during installation of the floor covering.²⁾

No seams ✓

Dry bonding, partial filling only where necessary. Application with increased residual moisture possible.

Envelope edges

Visible envelope edges after installation of sheets in the middle of a room.

- The adhesive is applied twice in the area of the envelope edge and is visible in the area after installation.

No envelope edges ✓

Dry installation, no visible envelope edges.

- 1) Proper laying time depends on the room temperature and the relative humidity, which in turn are influenced by external factors such as solar radiation.
- 2) For example cement screed > 2.0 CM%, calcium sulfate (anhydrite screed) > 0.5 CM%. The drying time for the levelling compound depends on the layer thickness, the temperature, and the relative humidity.

Installation during ongoing operations – fast and safe with nora nTx.

All areas always accessible – renovations in only two days



© Michael Meschede

Building: "Glückauf" Nursing and Care Center, Benndorf, Germany

Installation: noraplan sentica nTx (145 m²)

No dirt, no noise, and above all no disturbance of the inhabitants: with nora nTx the floor in the living room and in the corridor of the nursing and care center could be renewed in a very short time. noraplan sentica nTx rubber flooring was installed directly over the old floor covering. Because it is not easy to close down ward areas for renovations, the nora nTx fast floor renovation was the perfect solution. After the installation, the floor could be used again immediately and the inhabitants' daily routines were not affected. Advantages for processors: all products come from a single source, significantly reducing error sources.

"Instead of one and a half weeks, with nora nTx we only needed two days for the floor renovations."

Steffen Marschalek,
Painter Business Steffen Marschalek, Klostermansfeld

Reliable and fast – even with high levels of residual moisture



© Uwe Martin

Building: SanaCare Gesundheitsprodukte GmbH & Co. KG, Alsbach-Hähnlein, Germany

Installation: norament 926 grano nTx (500 m²)

For a new production hall, SanaCare was looking for a hard-wearing, durable floor which is chemical-resistant and easy to clean. Because of the change needed to take place as quickly as possible, norament rubber tiles were laid directly on the concrete floor using the nora nTx quick installation system. nora nTx technology requires only a few work steps, drying and evaporation times are eliminated, and little dust and dirt is generated. This meant that the production hall and secondary rooms were available and could be used during the installation.

"During installation, everything remained clean and we were able to walk on the floor again. We received comprehensive advice before the start of the project, and support from the experts at nora application technology throughout the entire process."

Ronald und Marcel Fischer,
Managing Directors SanaCare

High levels of planning security for construction projects with tight schedules.

Fast and safe installation – ensuring immediate usability



© Jukka-Pekka Juvonen

Building: Meritori Primary School, Espoo, Finland

Installation: norament 926 satura nTx & inlays (1,825 m²)

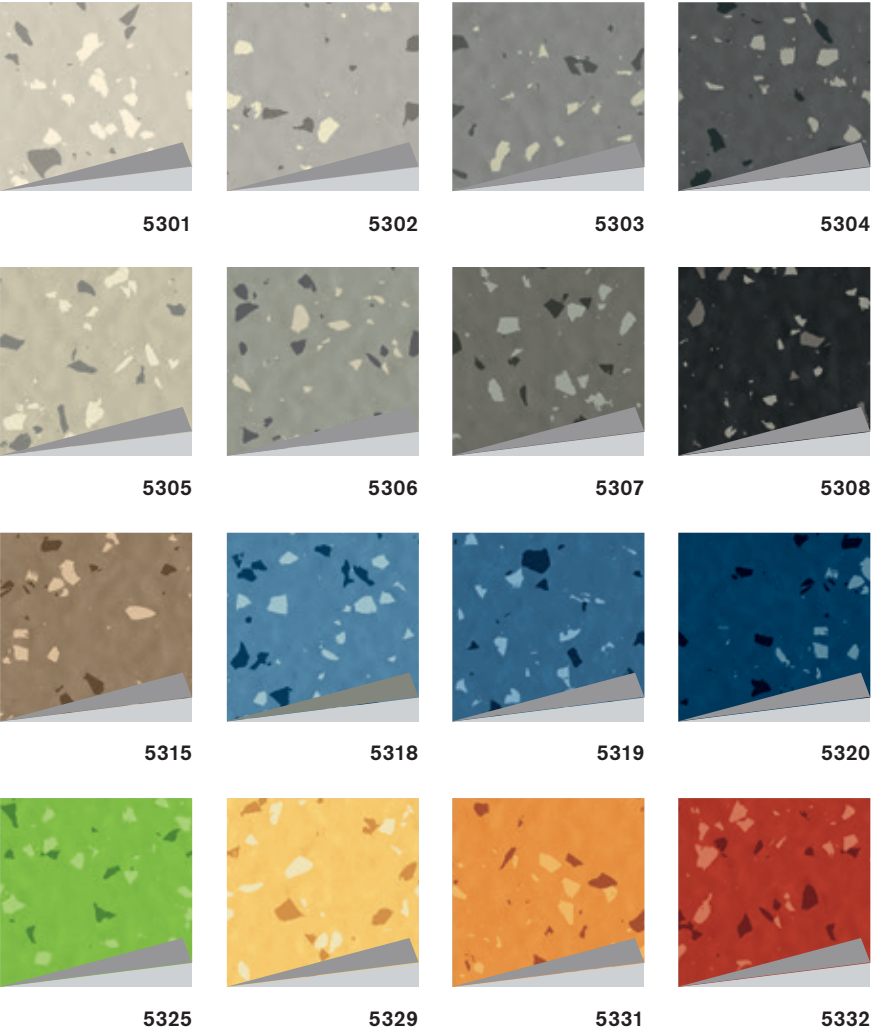
For the renovation of the Meritori Primary School, the architect decided to use nora rubber flooring as they are robust, visually attractive, support good room acoustics and are easy to clean. Furthermore, the nora nTx system persuaded with its high reliability to meet the building schedule.

"As far as the type of installation was concerned, we decided on nora nTx, as this ensured that there would be no undesired interactions with the subfloor and that the installation would be completed more quickly than usual."

Leila Arosarka, Arkkitehdit Q4 Oy

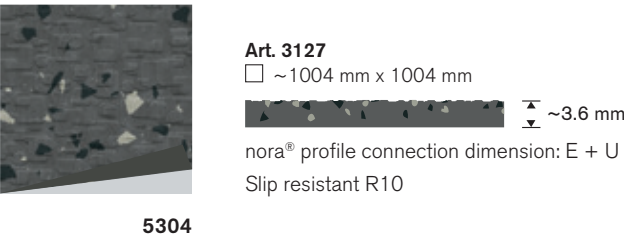
nora nTx standard program

norament® 926 grano nTx · hammerblow surface

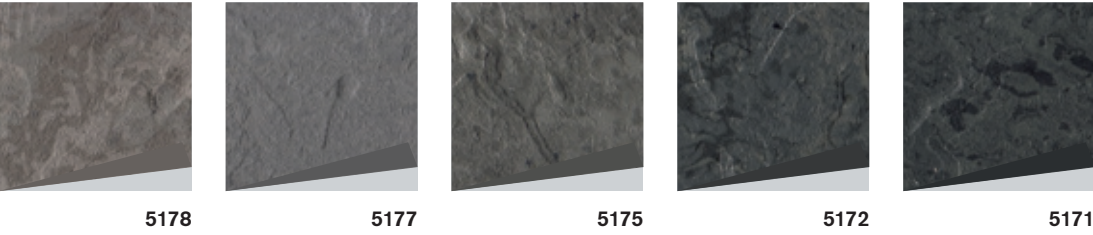


Art. 3111
□ ~1004 mm x 1004 mm
~3.6 mm
nora® profile connection dimension: E + U
Slip resistant R9

norament® 926 grano nTx · cubic-structure



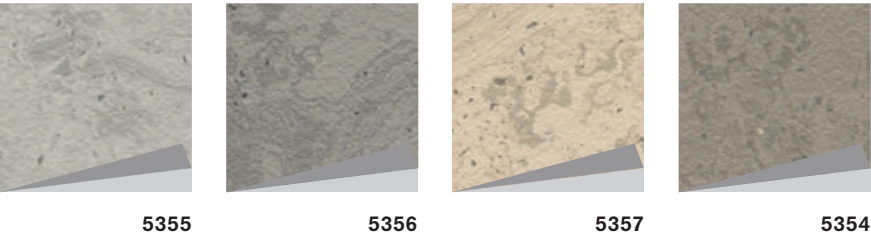
norament® 926 arago nTx · relief structure



We also supply tiles with chamfered edges on request (Art. 3123)

Art. 3122
□ ~1004 mm x 502 mm
~3.6 mm
nora® profile connection dimension: E + U
Slip resistant R10

norament® 926 castello nTx · two-tone surface



Art. 3177
□ ~1004 mm x 1004 mm
~3.6 mm
nora® profile connection dimension: E + U
Slip resistant R10

Custom colours are available on request.
Please ask for minimum quantities and delivery times.

noraplan® sentica nTx · smooth surface



Art. 182C
~1.22 m x 15.0 m
~2.1 mm
nora® profile connection dimension: A + U
Slip resistant R9

noraplan® signa nTx · smooth surface



Art. 181C
~1.22 m x 15.0 m
~2.1 mm
nora® profile connection dimension: A + U
Slip resistant R9

Custom colours and dimensions (e.g. short rolls) are available on request. Please ask for minimum quantities and delivery times.



Kisico Production Area with Cleanrooms, Oestrich-Winkel, Germany

Cover picture: © nora systems

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