

Lindura wood flooring with 5G™ Dry™ technology

Preparatory measures, substrates and general instructions

Preparation

Before opening the packages, leave them to acclimatise until they have adjusted to room temperature. Store them unopened and lying flat on the ground for approx. 48 hours (in winter 3–4 days) (Fig. 1) in the centre of the room you want to work in. Do not store the packages in front of damp or freshly wallpapered walls. Before you install the flooring, outer doors and windows must be installed and all painting and decorating work must be finished. The room temperature must be approx. 20° C (subfloor at least 15° C), and the relative humidity must be approx. 30–65 per cent.

Lindura wood flooring is primarily made of wood. Its special product structure and click connection technology allow MEISTER Lindura wood flooring to be laid floating and without glue. As a natural raw material, wood has properties that continue to be present when used in wood flooring. Sunlight and even intense artificial light can cause it to change in colour. Wood also has hygroscopic properties, which means it can absorb (and release) moisture and reacts with swelling (and shrinkage). If the relative humidity in the room is very low, for example, and the parquet or Lindura wood flooring shrinks, this can lead to slight cracks in the top layer, joint formation, deformation, creaking noises, or similar. This is all considered normal within the scope of typical wood properties and therefore does not represent a defect in the product.

The subfloors must be considered ready-to-lay in accordance with the generally accepted rules of technology taking into account VOB (German Construction Contract Procedures), Part C, DIN 18 356 "Parquetry work" or DIN 18 365 "Floor covering work" respectively. Therefore, they must be dry, even, solid and clean. Any substrate unevenness of three or more millimetres for each initial metre and two or more millimetres for each subsequent continuous metre must be evened out according to DIN 18 202, table 3, line 4 (Fig. 2). We recommend consulting technical information sheet 02 from the Zentralverband für Parkett und Fußbodentechnik (Central Association for Parquet Flooring and Flooring Technology) and the BEB (German Federal Association of Screed and Floor Covering).

The residual humidity, measured using the CM method, of mineral substrates must be no more than 2 per cent (1.8 per cent for underfloor heating) and that of anhydrite screeds must be a maximum of 0.5 per cent (0.3 per cent for underfloor heating) (Fig. 3). The limit values when carrying out the CRH method are 80 per cent relative humidity for unheated screeds and 75 per cent relative humidity for heated screeds (TKB briefing sheet 18; DIN EN 17668).

For installation over underfloor heating systems or underfloor heating systems with cooling function, separate information sheets are available.

A moisture protection film (SD value ≥ 75 m) must be laid out on all mineral substrates (except poured asphalt screed) as a vapour barrier (Fig. 4). The strip edges must overlap by at least 20 cm and the overlapping edges must be masked off at the sides. Alternatively, you can use MEISTER insulating underlay with an integrated moisture-resistant barrier. In rooms that are not above a cellar and foundations, the currently valid building conditions require that the owner of the building provide a barrier against damage to the base plate due to moisture from the ground, in accordance with the DIN 18 195 directive.

Textile flooring such as carpet or needle fleece must be removed not only for technical reasons, but for hygiene reasons, too (Fig. 5).

MEISTER flooring can be laid on existing surfaces, such as ceramic tiles and boards or stone floors, so long as the old flooring is firmly bonded and there are no loose areas. You should also spread out a moisture protection film (SD value ≥ 75 m) on these subfloors as a separating layer (Fig. 6).

On existing PVC, wooden planks, wood-based boards, OSB boards, prefabricated screed, etc., no vapour barrier must be used (Fig. 7 + 8).

If the floor area is longer or wider than 10 m (Fig. 9), you must provide an expansion joint. Cover this with a transition profile. It is also important to provide these joints between two adjacent rooms, in doorways (Fig. 10), passage-ways and rooms with a lot of angles. Always use a jointing profile for clean transitions to adjacent, lower areas or floor coverings and an end profile next to higher adjacent thresholds, tiles or the like. Give stairs a clean finish with the stair edge profile.



**Video tutorial for
5G™ Dry™**

Lindura wood flooring is not suitable for installation in humid rooms (bathrooms, saunas, swimming pools, etc.)

Exception: The Lindura wood flooring HD 400 can also be installed in humid rooms (Class WO-I, e.g. bathrooms). It is not suitable for installation in outdoor areas or wet rooms such as showers, saunas, public washrooms or rooms with a floor drain (Fig. 11) – see separate briefing note.

All MEISTER floorings are suitable for installation in home conservatories (Fig. 12). Shading and ventilation systems must be used to avoid strong sunlight and prevent the flooring from heating up. It is important to maintain a suitably consistent temperature for the living space all year round. The surface temperature of the floor must not permanently exceed 29°C – see separate briefing note.

With all floating MEISTER flooring, we recommend installing any heavy objects or fitted furniture (such as kitchens or kitchen islands) prior to laying the flooring and only laying it up to just below the skirting (Fig. 13).

Before installation, check all planks in daylight for recognisable faults and damages, as well as colour and structure (Fig. 14).

Arrange the planks before laying so that you achieve the floor pattern and colour you want (Fig. 15). You cannot make a claim for any products you have already installed.

The MEISTER flooring is generally installed floating, without glue. If you want to glue down your floating Lindura wood flooring, particularly to minimise the possible creaking noises and joint formation described above, please refer to the separate briefing sheet on this (Fig. 17). You can request this from kundenservice@meisterwerke.com.

Lindura wood flooring with 5G™ Dry™ technology

Preparatory measures, substrates and general instructions



Video tutorial for
5G™ Dry™

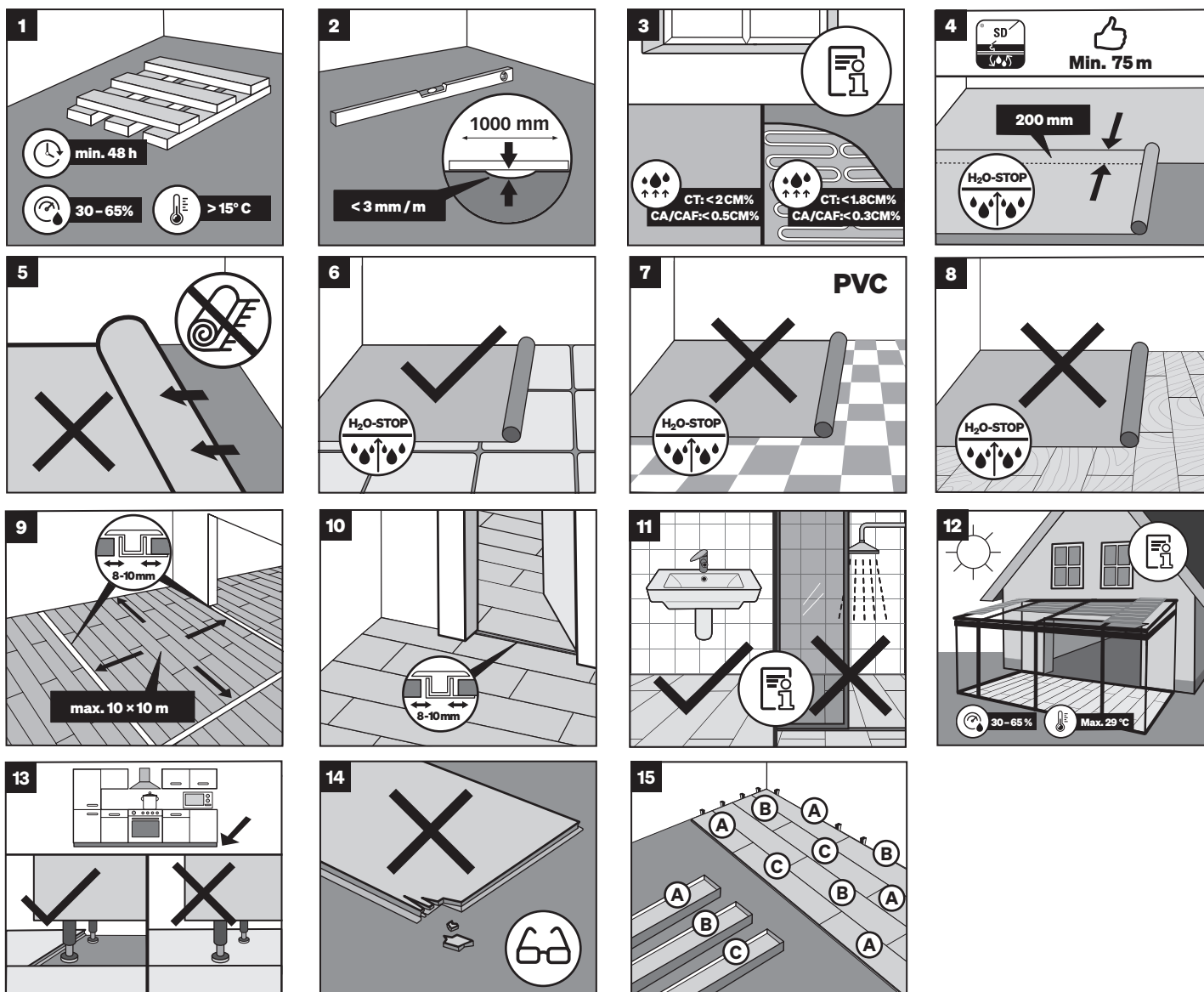
The flooring is installed as a floating structure without glue. Lindura wood flooring can also be installed with full surface bonding using an approved adhesive as an alternative to floating installation (**Fig. 16**) – see separate briefing note.

Precautionary measures

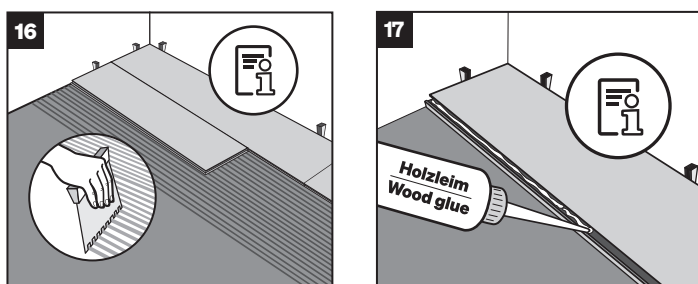
To protect the wood from dirt, a sufficiently large entrance covering must always be laid (such as a doormat or carpet) (**Fig. 18**). Do not use any rubber-coated mats, since prolonged contact can lead to permanent discolouration.

In addition, you should also fit chair and furniture feet with felt sliders; office chairs, mobile containers, etc., on castors must be equipped with soft, standard running surfaces (type W). We recommend protecting Lindura wood flooring in these heavy-wear areas with appropriate floor protection mats (e.g. polycarbonate mats) (**Fig. 19**).

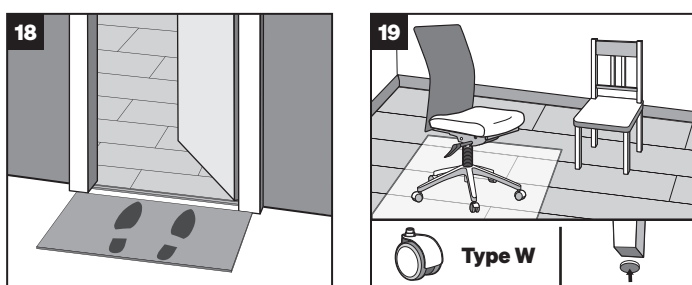
Preparation



Full surface bonding and gluing



Precautionary measures





Installation

Fig. A1 + A2

The flooring is installed as a floating structure without glue. The 5G™ Dry™ connection system makes it possible to install the flooring quickly and easily. In addition, it is a valuable installation aid, as the planks can be aligned against each other in this way. To do this, you should lift the plank slightly and simply square it with the tongue in the groove of the plank that has already been laid.

Fig. 1

You need the following tools and aids to install laminate flooring MeisterDesign. laminate with 5G™ Dry™ technology:

Hammer, keyhole or electric saw, (**hard metal saw blades or diamond tipped saw blades**), possibly power drill, folding metre rule, pencil, wedges (spacer wedges), heel bar, angle or adjustable bevel, possibly PE film / moisture protection film (SD value ≥ 75 m). Furthermore, if you are using products without a sound-absorbing Silence cushion, use the system-bound MEISTER insulating underlay. Any other insulating underlay must have a suitable pressure stability (CS value ≥ 15 kPa).

Fig. 2

Remove any dirt, small stones, etc. from the surface prior to installation.

Fig. 3

A PE film / moisture protection film must be laid out to form a "bath" on all mineral substrates (except poured asphalt screed) as a vapour barrier. The strip edges must overlap by at least 20 cm and the overlapping edges must be masked off. Alternatively, the option is available to use MEISTER insulating underlay with integrated vapour barrier.

Fig. 4

Lay the corresponding MEISTER insulating underlay with a pressure resistance of > 15 kPa in the private residential sector or > 60 kPa in the commercial sector.

Fig. 5

Before installation, check all planks in daylight for recognisable faults in colour and structure. Goods already installed cannot be claimed for later.

Fig. 6

Install a mixture of planks from different packages.

Fig. 7

When sawing the elements, make sure you work from the correct side: if you use a bench saw, keep the decorative side facing up, if you use a keyhole or portable circular saw, keep the decorative side down.

Start by laying the first complete plank in the left-hand corner of the room with the tongue sides facing the wall. Remove only the tongues on the long sides of all the other planks you want to lay in the first row. Using wedges, you can easily keep a gap of at least 15 mm from the wall.

Fig. 8

Insert the head end of the next complete plank into plank 1. Install the other planks in this row in exactly the same way across the entire width of the room.

Fig. 9

The last planks in each row are cut to size so that a gap of 15 mm to the wall is taken into account. You can use cut-off pieces of planks to start subsequent rows.

Fig. 10

Make sure that the planks in the first row are straight. Cut the first plank of the second row down to approx. 80 cm.

Fix this plank with the tongue as far as possible into the groove on the groove side of the previous row of planks and press the plank down slowly using a forward and downward turning motion. The plank has to click into the previously installed row.

Fig. 11

Similarly, the next complete plank is turned into the click connection on the long side and the head end pushed tight against the previous plank before it is lowered. Then press the plank down slowly using a forward and downward turning motion. The plank has to click into the previously installed row and the end joint with the previous plank has to be closed.

Fig. 12

Press the short-end edge down so that it clicks into place audibly.

Fig. 13

Continue installing the panels row by row in this way. Remember that the end joints must always be offset by at least 30–40 cm.

Fig. 14 + Fig. 16

Cut the last plank in each row so that you leave a gap of approx. 15 mm to the wall. Lay the plank with the tongue side facing the wall to mark the remaining plank width.

Fig. 17

Start by laying the last row in the right-hand corner of the room (leaving at least a 15 mm gap to the wall) and angle the long side of the plank into the second-last row. The next plank is angled in the same way and lowered down at the end.

Fig. 18

Press the short-end edge down so that it clicks into place audibly.

Fig. 22

Next, remove the wooden wedges from around the walls.

Fig. 23

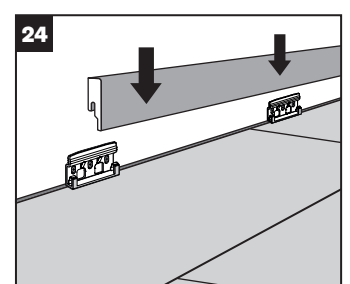
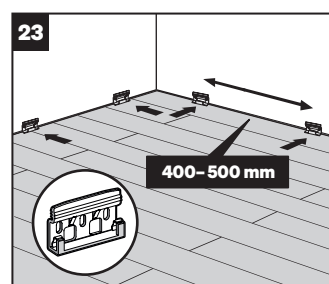
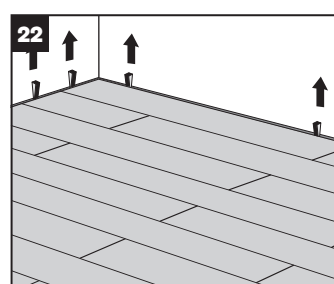
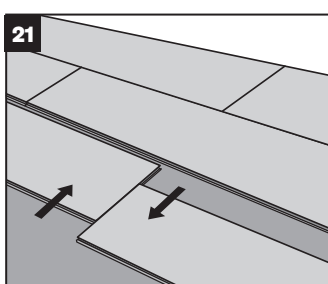
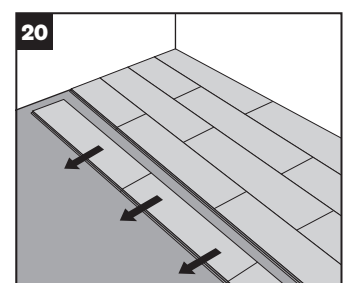
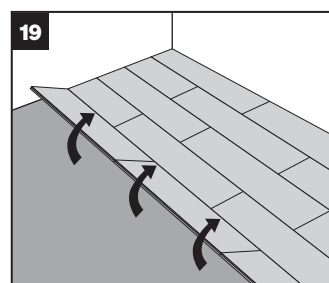
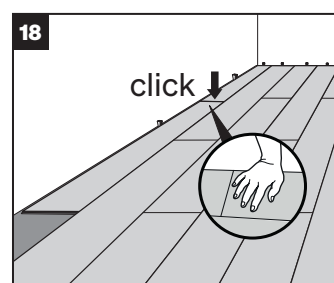
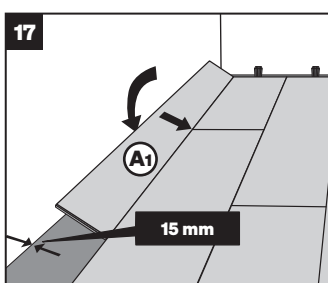
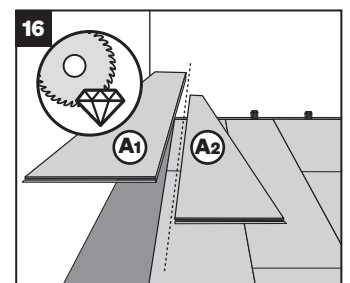
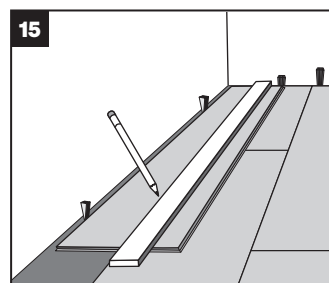
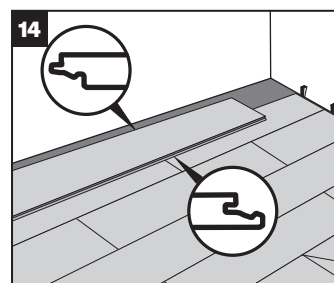
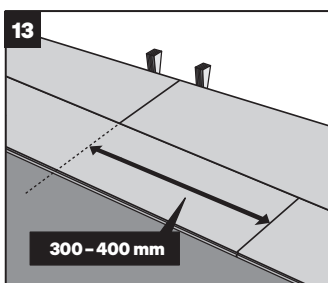
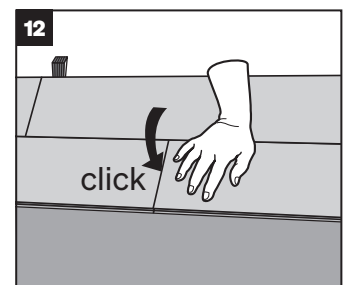
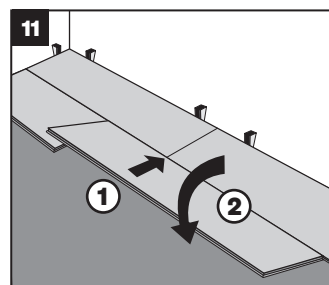
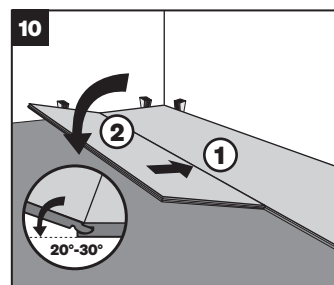
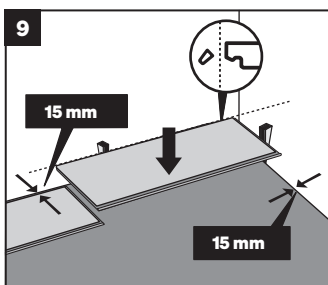
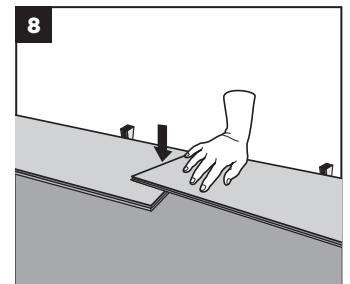
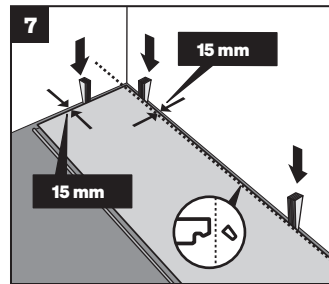
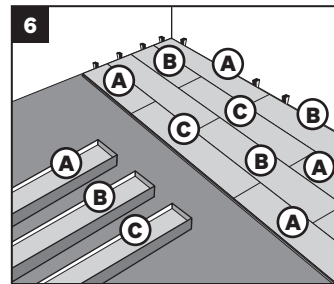
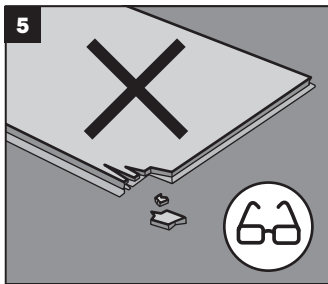
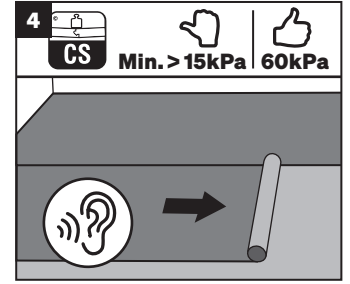
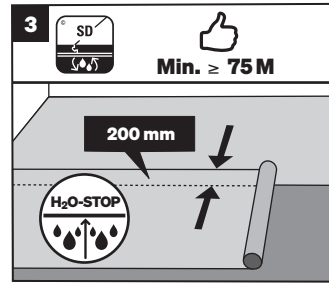
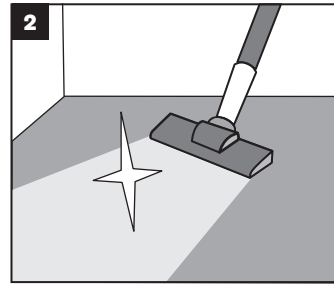
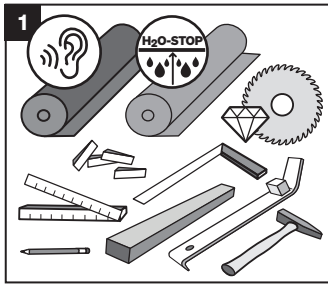
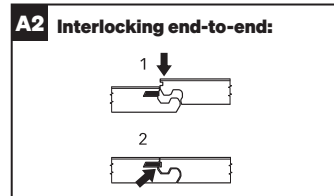
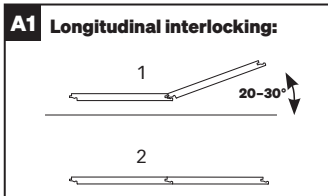
Screw the skirting board clips to the wall at intervals of 40–50 cm. To ensure that the skirting board fits tightly, do not position it on an uneven wall.

Fig. 24

The skirting board is placed on the clip from above and pressed down. For the length joints of the skirting boards, the clip is placed on the joint with a half overlap to ensure a good hold. Please avoid bringing any silicone products into contact with the skirting boards.

Fig. 19 – Fig. 21

To take a plank row back out again, lift the entire row, levering it at the side out of the last row. You can then slide the planks apart at the ends.



Cleaning and care

The quality does not stop with the installation.

You have bought a quality product “made in Germany”. These cleaning and care instructions will provide you with all the information important to ensuring a long period of value preservation and a beautiful appearance of your flooring. With a bit of time and effort, you can contribute to ensuring that you are able to enjoy your new MEISTER flooring for a long time to come. MEISTER products are based on selected materials, which are processed by experienced experts with state-of-the-art technology to create a quality product “made in Germany”. The premium quality includes substantiated consultation and excellent service. For this reason, you will only find MEISTER products in selected specialist shops.

1. The right care

Your dream floor also needs the right care. MEISTER complements its product range with a high-quality series of care products from Dr. Schutz. Cleaners and care products, tailored for the floorings, ensure that your floor looks good in the long term. Even if you only need to run the vacuum round for day-to-day care (to remove loose dust), the surfaces should be cleaned and cared for regularly with Dr. Schutz care products to preserve the value of your floor.

When cleaning, please be aware that the floor must only ever be slightly moistened. In the ideal case, the film of water should be a thin mist, so that it dries out after about a minute. Some types of wood, such as beech or maple, are particularly sensitive to moisture. You should not use any abrasive cleaners, even in case of more severe stains. Even for stubborn stains and dirt, the Dr. Schutz Elatex Stain Remover* will help.

Scratches on the floor not only affect the overall appearance. They will also make the floor more prone to dirt and moisture. The Dr. Schutz care products are designed to ensure that the floor is considerably more resistant to signs of wear and tear in heavy wear areas. Your qualified specialist shops will also be able to provide you with more tips on how to care for your MEISTER floor in the best possible way.

2. Preservation of value / Precautionary measures

A room temperature of approx. 18–22°C and a relative air humidity of approx. 30–65 per cent will contribute to your personal well-being and are the basis for a healthy room climate. With such a room climate, you will also help your MEISTER floor obtain the optimal conditions, as it reacts to its climatic surroundings like any other wooden material.

Low air humidity with a high temperature will lead to a contracting process in the wood, which dries the floor out. If you determine an air humidity which is considerably lower than 30 percent in the long term, we recommend the use of air humidifiers (vaporizers). This will prevent your MEISTER floor drying out excessively. As with all wooden products, very high air humidity will cause absorption of humidity, which can lead to the length and thickness increasing.

Cracks, open joints, creaking noises, cupping, etc. can be caused by strong fluctuations in room temperature and humidity as well as too low or too high humidity and are not a quality defect.

The introduction of dirt onto the floor:

Most dirt is brought into your home from the outside and transferred onto the flooring. For this reason, we recommend installing a sufficiently large entrance covering (such as a doormat) in the entrance. Do not use any rubber-coated mats, since prolonged contact can lead to permanent discolouration.

Please consider that dirt, such as sand or small stones, will act like sandpaper on all floorings and can lead to unsightly scratches. To protect the wood from scratches, you should also fit chair and furniture feet with felt sliders; office chairs, mobile containers and similar on castors must be equipped with soft, standard running surfaces (type w).

We recommend protecting the floor in these heavy wear areas with appropriate floor protection mats (e.g. polycarbonate mats). Terracotta or clay flower pots/planters can also cause discolouration. Please use suitable, non-migrating mats.

3. Cleaning after completion of construction work

Newly laid MEISTER floors must be cleaned after completion of construction work and before first use in order to completely remove any dirt that has collected during the course of the installation.

You should clean **ultra matt lacquered MEISTER Lindura wood flooring** after completion of construction work with Dr. Schutz Wood and Cork Floor Cleaner*, diluted with water in a ratio of 1:200.

You should clean **naturally oiled MEISTER Lindura wood flooring** after completion of construction work with Dr. Schutz Premium Wood Care*, diluted with water in a ratio of 1:200. The flooring has been treated ready for residential use.

For **commercial areas** and **areas which are particularly highly frequented** (such as hallways, kitchens, dining rooms, open living areas with direct exit and Lindura wood flooring HD 400 in humid rooms (bathrooms)), subsequent treatment with Dr. Schutz Premium Care Oil is necessary. Apply the care oil in accordance with the manufacturer's instructions. After drying (at least 12 hours), the floor can be used again and damp mopped after allowing it to completely harden for 7 days.

The floor is damp mopped using the relevant cleaning solution and a **lint free** mop or cloth.

Cleaning and care

4. Day-to-day cleaning

Ultra matt lacquered MEISTER Lindura wood flooring

To remove daily dirt, vacuuming or sweeping is sufficient. Depending on the frequency and level of dirt, dilute Dr. Schutz Wood and Cork Floor Cleaner* with water in a ratio of 1:200. The floor should be damp mopped using a lint-free cloth, which has been dipped in this solution and wrung out well. Remove fatty stains and other bonded dirt with undiluted Dr. Schutz Wood and Cork Floor Cleaner* and a non-scratch, white pad. Then damp mop with clear water until the dirt and cleaning agent residue is completely removed. Problem stains can be removed with Dr. Schutz Deep Clean*.

We recommend refreshing the floor with Dr. Schutz Wood and Cork Floor Polish Matt* to preserve its quality and at the first sign of wear. **Note:** When using Dr. Schutz Wood and Cork Floor Polish Matt you may increase the gloss level of the surface. For this reason, we recommend to try the cleaning agent out in an inconspicuous place or on a left-over plank first.

In areas subject to heavier levels of dirt or to build up resistance to wear, first carry out a deep clean with undiluted Dr. Schutz Deep Clean and a white pad. After the floor has dried completely, apply undiluted Dr. Schutz Wood and Cork Floor Polish Matt* very thinly and evenly with a non-lint mop. Leave the floor to dry for at least 12 hours before use.

For the aforementioned deep clean, use the Dr. Schutz Deep Clean* undiluted. Distribute the cleaning solution over the floor in sections using a cloth and then immediately remove any residue of the care product by scrubbing. Make sure that no puddles form. For larger surfaces, use a disk buffing machine with a green pad. Immediately absorb any dirty water completely with absorbent, dry cloths. Then damp mop with clear water. If possible, carry out the cleaning in pairs so that one person removes the dirt and the other person immediately absorbs any dirty water.

Naturally oiled MEISTER Lindura wood flooring

To remove daily dirt, vacuuming or sweeping is sufficient. For regular cleaning and care, use Dr. Schutz Premium Wood Care* diluted with water in a ratio of 1:200. The floor should be damp mopped using a lint-free cloth, which has been dipped in this solution and wrung out well. The flooring is cleaned and cared for in one step.

We recommend refreshing the floor with Dr. Schutz Premium Care Oil* to preserve its quality and at the first sign of wear. With normal levels of dirt, clean the floor first using Dr. Schutz Premium Wood Care* diluted with water in a ratio of 1:200 and a green pad.

In cases of heavy soiling or care product build-up, carry out intensive cleaning first using Dr. Schutz Deep Clean* diluted with water in a ratio of 1:1 to 1:3 and a green pad. Distribute the cleaning solution over the floor in sections using a cloth and then immediately remove any residue of the care product by scrubbing. Make sure that no puddles form. For larger surfaces, use a disk buffing machine with a green pad. Immediately absorb any dirty water completely with absorbent, dry cloths. Then damp mop with clear water. If possible, carry out the cleaning in pairs so that one person removes the dirt and the other person immediately absorbs any dirty water.

Subsequently, the flooring must always be re-oiled using Dr. Schutz Premium Care Oil in accordance with the manufacturer's instructions. After drying (at least 12 hours), the floor can be used again and damp mopped after allowing it to completely harden for 7 days.

5. General information about cleaning and care

Never leave MEISTER flooring moist or wet over a long period of time. When cleaning, always try to use a dry method if possible (using a mop, hair broom, vacuum cleaner), or only damp mop (using a wrung-out lint-free cloth) and do not leave any 'puddles' on the floor. Steam cleaners are not suitable for the flooring. Do not use any cream cleaners or scouring powders as these agents can attack the surface of the floor. Please only use suitable cleaners. Problem stains on lacquered parquet and wood flooring can be removed with Dr. Schutz Elatex Stain Remover.

All kinds of chemicals, such as solvents, antiseptics and disinfectants, hair dye, fats, nail varnish remover, acetone, felt pen or ballpoint ink, many cause permanent stains.

** Water-based care products (e.g. polymer dispersions) or Dr. Schutz Elatex Stain Remover can penetrate the seams of the planks in the case of improper adhesion or incomplete jointing, leading to swelling of the base material.*



You can find the full installation and care instructions at: <https://www.meister.com/en/service.html>