



**Advice Guide**  
**Admonter wooden floors**

**FLOOR<sup>S</sup>**

**ELEMENT<sup>S</sup>**

**DOOR<sup>S</sup>**

**STAIR<sup>S</sup>**

**ACOUSTIC<sup>S</sup>**

CLASSIC  
**GRADING**  
OAK

► Oak **NOBLESSE**



► Oak **ELEGANCE**



► Oak **BASIC**



► Oak **NATURELLE**



► Oak **RUSTIC**



The way an installed floor looks depends on which Grade you choose for your floor. Each Admonter Grade has distinct tree growth characteristics including the size and number of knots. In order to achieve a consistent appearance, we sort and classify the natural wood boards into Grades.

For each Floor Grade, you can expect a distinct look. These examples show the grading criteria of Admonter Natural Floors. As our name implies, each floor is made from naturally grown wood so slight deviations in structure and colour are possible.

CLASSIC  
**GRADING**  
SOFTWOOD /  
OTHER HARDWOOD

► Spruce **BASIC**



► Larch **NATURELLE**



► American Walnut **ELEGANCE**



► American Walnut **RUSTIC**



**Attention:** Please note that the colour of floor samples can change over time with exposure to UV light. This is a completely natural phenomenon. Prior to installation, it is absolutely necessary to lay the floor boards out and pre-sort them. Due to the printing process, variations in colour may occur.

Current dimensions and grading descriptions are shown in our brochures and catalogues and on our website [www.admonter.com/en/downloads](http://www.admonter.com/en/downloads)



# TEXTURES & SURFACES



## NATURAL OILED EASY CARE

Our EASY CARE products are delivered PREFFINISHED. This means that the floor does not have to be oiled after installation, and can be used and walked on immediately after installation! The new natural oiled easy care finish provides a rich, durable surface, and also has the desired look from the beginning, as otherwise only floors with an additional oil coating offer. Without any effort – just easy.

## NATURAL OILED PRO CARE

Natural Oiled Pro Care floors require a post-installation oil before they can be used.

## MATT LACQUERED

The application of matt lacquer will entirely seal the pores of the wood. The matt lacquered finish is very durable and absolutely uncomplicated in care & maintenance.

\* only FLOORs  
\*\* only ELEMENTs

# THE DIFFERENCES OF SURFACES



### ▶ NATURAL OILED EASY CARE ADVANTAGES | NOTE

- Ready-to-use natural oiled surface / already treated
  - Durable / low maintenance
  - Very wide range of colours, textures, dimensions, product structure, installation systems, accessories, etc.
- 
- Ongoing routine care is necessary

### ▶ NATURAL OILED PRO CARE ADVANTAGES | NOTE

- **Initial Oil treatment is necessary**
  - Durable / low maintenance
  - Very wide range of colours, textures, dimensions, product structure, installation systems, accessories, etc.
- 
- Ongoing routine care is necessary

### ▶ MATT LACQUER ADVANTAGES | NOTE

- Wood pores are sealed and gives the floor a muted matt appearance
  - Easy care
  - Durable
- 
- A variant with very little wood-typical haptic perception.

# SKIRTING

## ► Skirting TYPE 1

Solid skirting  
(Length depends on availability)  
40 x 16 x 2000/2400 mm (Spruce, Oak and Larch)  
50 x 18 x 2000 mm (Am. Walnut)



## ► Skirting TYPE 2

Solid skirting (made from floorboards)  
50 x 18 x 1980 mm



## ► Skirting TYPE 3

Veneered skirting with spruce base material  
40 x 16 x 2500 mm (Oak and Larch)

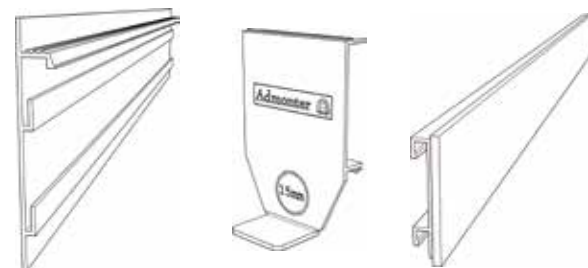


**Type 3 white**  
for all products

## ► Flush-mount skirting

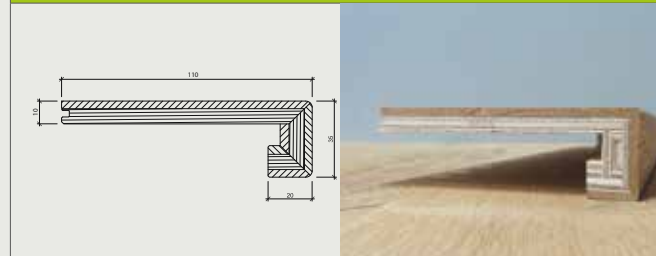
Consisting of basic profile, screed height gauge and skirting

- Length: 2375 mm
- Height: app. 60 mm (visible)

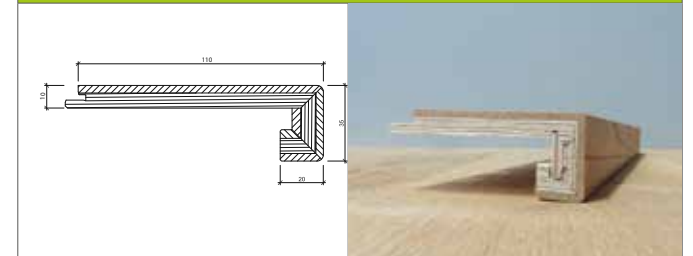


# STAIR NOSING

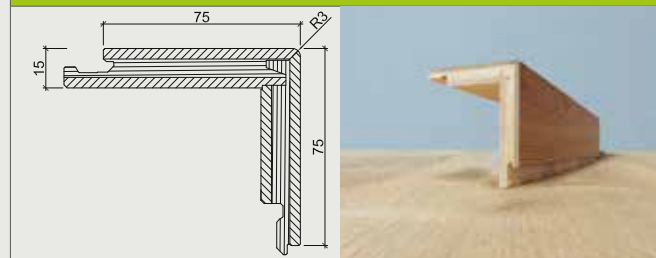
## 2-Layer - small Tongue & groove 10 mm - (TK)



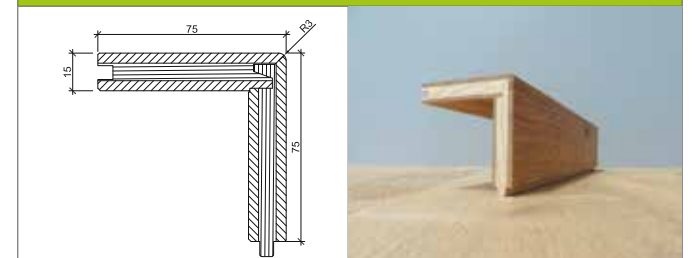
## 2-Layer - classic lock-it 10 mm - (TK)



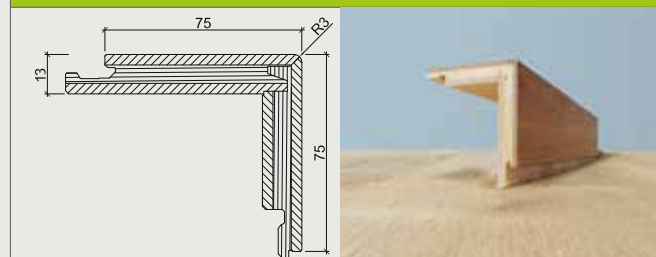
## Project - classic - lock-it 15 mm - (TK-Project)



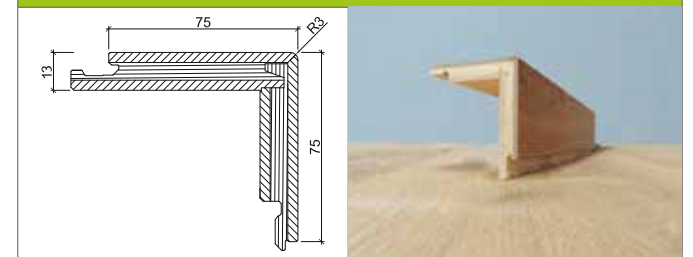
## Project - classic - Tongue & groove 15 mm - (TK-Project)



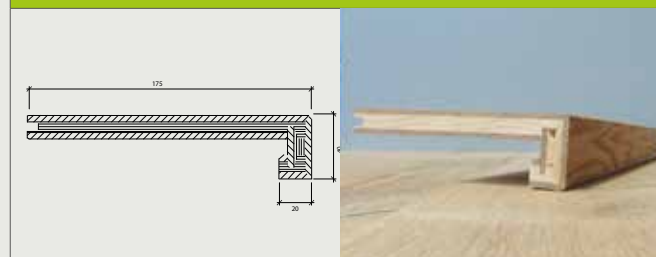
## Project - classic - lock-it 13 mm - (TK-Project)



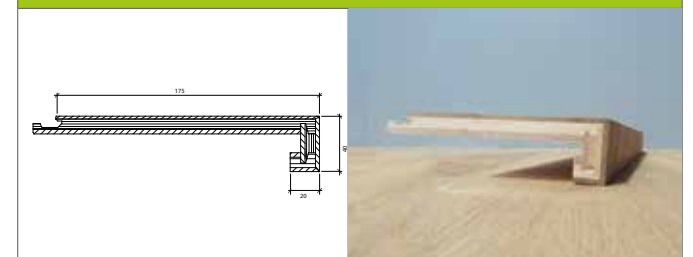
## Project - small - lock-it 13 mm - (TK-Project)



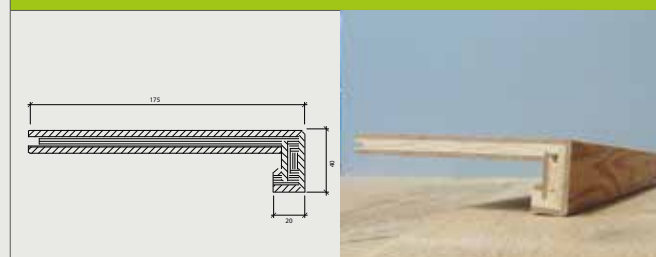
## 3-Layer - Tongue & groove 15 mm - (TK)



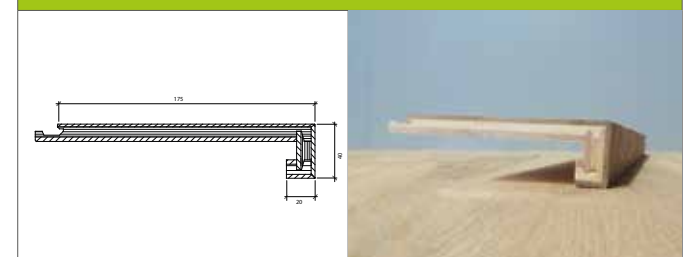
## 3-Layer - lock-it 15 mm - (TK)



## 3-Layer - ONDO Tongue & groove 13 mm - (TK)



## 3-Layer - ONDO lock-it 13 mm - (TK)



### Border Loose

3 x 40 x 960 mm with structure and surface for installation on site (TK-ANLEIMER-40)

For the final treatment on site, the necessary supplementary oil can be ordered.

### Lengths stair nosings:

- 1180 mm small
- 1980 mm classic
- 2380 mm classic

### Note (15mm):

This variant of stair nosing is not possible with the types of wood American Cherry and Pine.  
The local building regulations regarding permissible opening sizes in stairs must be observed.



# STAIRS FLOATING TREAD DESIGN

## ► Dimension 1

- Tread depth - 330 mm
- Tread height - 105 mm
- Tread length - variable up to max. 1200 mm
- For sub-construction e.g. 60 x 60 mm square tube

## ► Dimension 2

- Tread depth - 330 mm
- Tread height - 85 mm
- Tread length - variabel up to max. 1200 mm
- For sub-construction e.g. 40 x 40 mm square tube

### 3 STANDARD SYSTEMS 2 DIMENSIONS PER SYSTEM

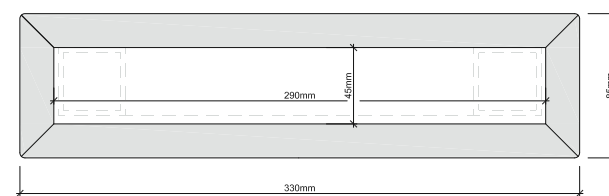
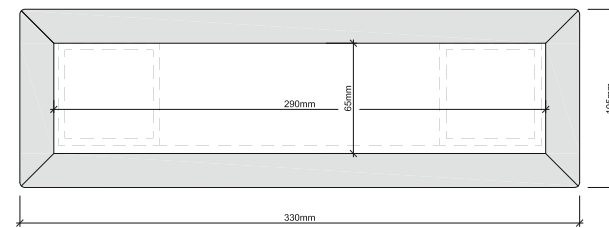
Available in Oak and Larch  
(brushed, natural oiled)

- SYSTEM 1 - BOX CONSTRUCTION FROM 1 COMPONENT. WALL FACING END OPEN.

- SYSTEM 2 - BOX CONSTRUCTION FROM 2 COMPONENTS. WALL FACING END OPEN. BOX LID ON UNDERSIDE LEFT OPEN FOR GLUING ON SITE.

- SYSTEM 3 - (TYP TK / TK-OBJECT) BOX CONSTRUCTION FROM 2 COMPONENTS. BOTH ENDS OF BOX OPEN

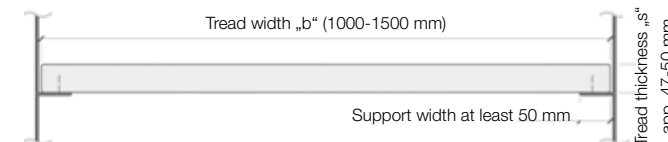
**LOCAL CONCRETE** see page 30-31



# STRUCTURALLY TESTED SELF-SUPPORTING STAIR ELEMENTS

## ► CONSTRUCTION / INSTALLATION:

Top layer	Edge-banded in 3.6mm thick solid wood layer
Thickness (s)	Multi-layer construction. Approx 47 – 50mm (Depending on structure and type of wood)
Tread depth (t)	<ul style="list-style-type: none"> <li>• Min. 307 mm</li> <li>• Max. 390mm – larger dimensions on request (parallel only – no spiral staircases)</li> </ul>
Tread width (b)	1000 - 1500 mm, larger dimension on request
Fastening	<ul style="list-style-type: none"> <li>• Support / bracket width 50 mm</li> <li>• Support / bracket depth at least 80% of the tread element depth</li> <li>• Strength of the bracket / stringer as per steel construction requirements</li> <li>• The local regulations for the maximum permissible clear step spacing must be complied with</li> </ul>
	<ul style="list-style-type: none"> <li>• The staircase element must be fastened by screws (staircase element and bracket) because of the risk of „slipping“.</li> <li>• For structural reasons, deviating fastening methods are not permitted.</li> </ul>



## ► GENERAL:

Wood species	<ul style="list-style-type: none"> <li>• Available in Floors from Admonter Natural Wood Flooring Classic range with 3.6mm top layer</li> </ul>
Grading	<ul style="list-style-type: none"> <li>• noblesse / elegance / basic</li> <li>• Other grades on request</li> <li>• Only one type of wood per order or flight of stairs with the same grade on all visible surfaces</li> </ul>
Structures	<ul style="list-style-type: none"> <li>• Tread and underside: brushed, cross or alpin</li> <li>• 4-sided edge band: sanded or brushed</li> </ul>
Finishes	<ul style="list-style-type: none"> <li>• natural oiled, stone, white</li> <li>• Special finishes on request (Smoked floors cannot be used).</li> </ul>



## ► LANDINGS:

Possible on request – on-site structural analysis is a prerequisite!

## ► MORE INFORMATION:

- Because of the structural analysis, an end-face milled slot is not permitted! Milling out the bottom of the staircase element for a bracket is an option (on site by the user, up to the maximum thickness of the top layer).
- Direct contact with uncoated metals must be avoided at all costs (possible tannic acid reaction).
- The correct indoor climate (see Admonter comfort chart) and proper cleaning and care, as with Admonter natural floors, are important for the durability of the stairs.

## ► FALL PROTECTION:

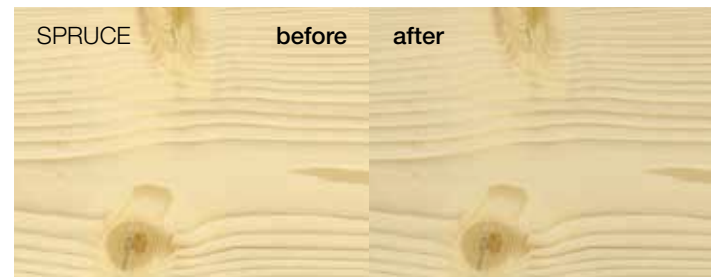
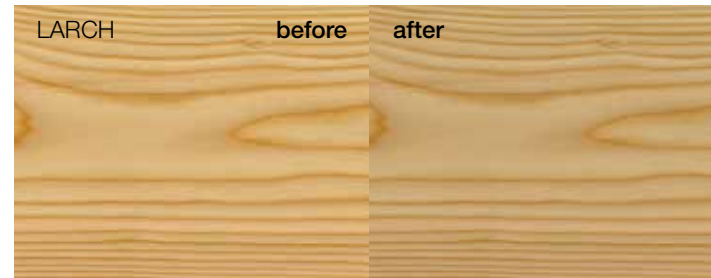
We recommend installing fall protection (shield panel or similar) when the distance between the upper edge of the step and the lower edge of the step is or exceeds 120 mm or comply with local building regulations.

- Anti-slip class R10, as per DIN 51130 (not when sanded and painted)
- Fire behaviour – classified as D-s2 d0 in accordance with CWFT (Table 1 of EC 2003/43/EC, as corrected by Corrigendum (OJEU L33 of 08.02.2003) and supplemented by the decision of EC 2008/348/EC)
- An example of the assignment of typical usage categories for Austria and Germany is contained in the Admonter STAIRS data sheet.
- The local building regulations permissible opening sizes in stairs must be observed.

# NATURAL COLOR CHANGE

All Admonter floors are a natural product and will over time change colour. Depending on the amount of exposure your floor has to sunlight, lighter timber will turn darker and darker timber will become lighter. This change is most pronounced in the first 3-6 months.

Regular cleaning and care with Admonter care products provides the floor with additional protection against colour changes and stains.



The images show a possible example of the Admonter natural floor and are a purely visual guide, since in Natura every single board is different in texture and color.

**Because - every Admonter natural wood plank is unique.**

# THE PERFECT INDOOR CLIMATE

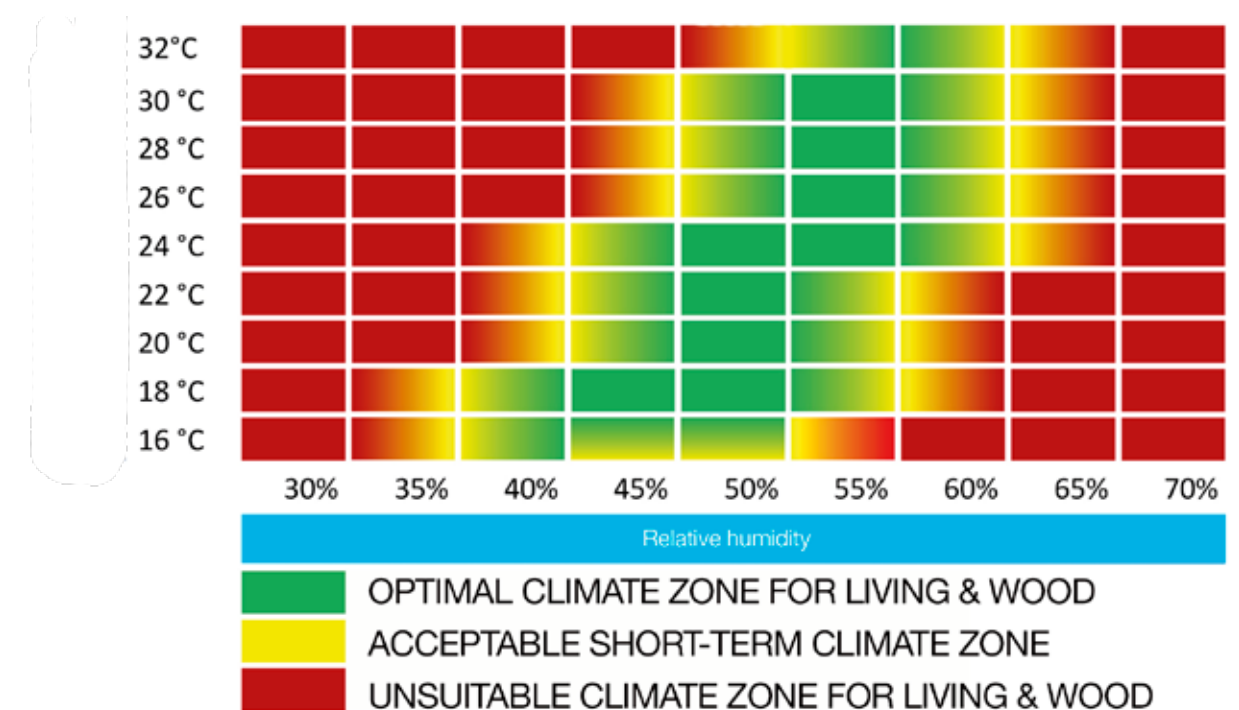
The optimum room humidity range for Admonter floors is between 30% and 65%. In inter, indoor humidity levels often fall below this ideal range due to usage of central heating systems which dry out the air. Being a natural material, wood assists in regulating indoor humidity by absorbing and releasing moisture helping to keep our indoor climate at an optimum level for healthy living.

### Tips for achieving an optimal climate zone:

- Humidifiers, proper ventilation (thorough airing), green plants or even small fountains help to keep the indoor climate at an ideal level. Use a hygrometer to regularly check this.
- Install a moisture recovery unit in ventilation systems.



# INDOOR CLIMATE CHART



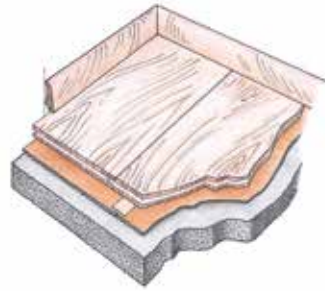


# INSTALLATION OPTIONS

## ► FLOATING INSTALLATION:

When using the Floating Installation method, the entire floor expands and contracts as one entire surface area. The boards are secured together by either gluing just the tongue & groove into place or with the Lock-it system.

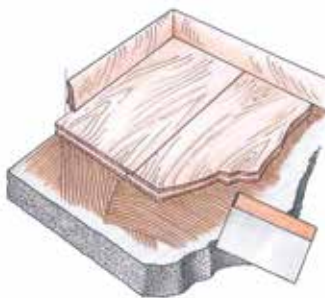
ADVANTAGES:	<ul style="list-style-type: none"> <li>• Short installation time</li> <li>• Comfortable to walk on due to its natural flex</li> <li>• Reduced impact sound</li> <li>• The symmetrical structure also makes it suitable for laying on underfloor heating.</li> <li>• A better method to use if the sub-floor is not level or needs work.</li> </ul>
DISADVANTAGES:	If you maintain an expansion gap of 10 – 15 mm from the wall so that the floor can expand, there are no disadvantages with the floating method.
NOTE:	Installers should take into consideration permanent movement joints in the main structure.



## ► FULL-SURFACE GLUING:

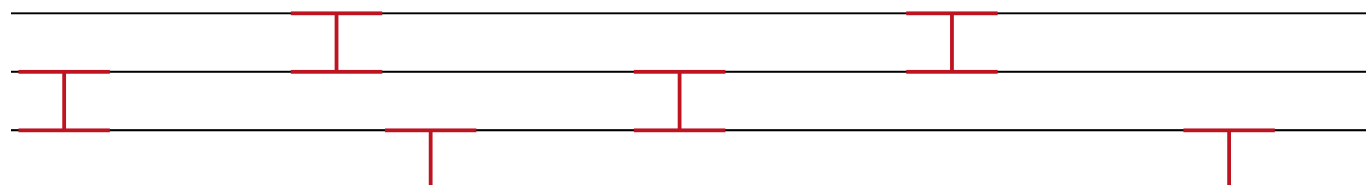
With this installation option, the boards are glued directly to the subfloor. Both the Tongue & Groove and Lock-it systems are perfect for this method. ATTENTION : Make sure to use flexible glue. Admonter recommends the Full-Surface Gluing method particularly for projects with special requirements such as installation over large surface areas, rooms with reduced sound requirements such as in Museums or Restaurants but also in private homes.

ADVANTAGES:	<ul style="list-style-type: none"> <li>• Continuous installation of larger surfaces</li> <li>• Little formation of gaps</li> <li>• Perfectly adequate for under-floor heating systems (better heat conduction)</li> <li>• Low expansion of the total surface which enables the use of silicone joints instead of skirting boards</li> </ul>
DISADVANTAGES:	<ul style="list-style-type: none"> <li>• Higher sub-floor preparation requirements</li> <li>• Subfloor must be level for continuous bonding along the board</li> <li>• Long installation times</li> </ul>
NOTE:	Installers should take into consideration permanent movement joints in the main structure.



### “H” Gluing of Tongue & Groove joints with Full-Stick down bonding for Underfloor Heating.

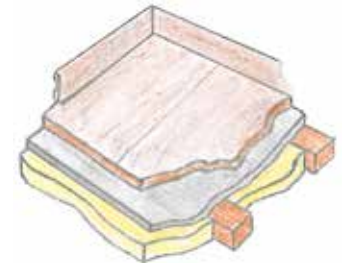
Full-surface bonding reduces impact noise or foot-fall sound and makes underfloor heating systems more efficient. Use a permanently elastic adhesive for gluing. When gluing a 3-layer floorboard over underfloor heating, “H” Gluing of Tongue & Groove joints, as illustrated, is stipulated by the manufacturer. The “H” gluing is not required for other installation systems.



## ► INSTALLATION ON A SUBFLOOR:

Installation on bearers and joists was mostly used to compensate for uneven surfaces. Nowadays, self-levelling compounds and dry-screed boards are replacing this outdated building method in many countries.

ADVANTAGES:	<ul style="list-style-type: none"> <li>• No installation glue required</li> <li>• Firmly fixed to the floor</li> <li>• Comfortably to walk on thanks to its natural flex</li> </ul>
DISADVANTAGES:	<ul style="list-style-type: none"> <li>• Height of the construction</li> <li>• Creaking noises cannot be avoided completely</li> </ul>



**Please note:** The CE marking, as well as DOP, is only valid when laid on a continuous, subfloor and not on beams and joists.

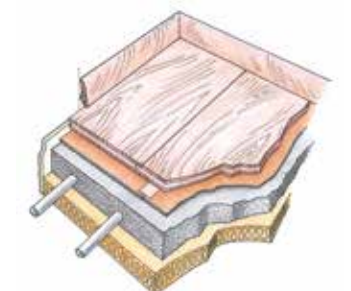
### Screwing onto the subfloor:

The screw (3 x 30 mm for 15 mm thick floor) is held at an angle of 45 ° to the tongue and then screwed to the subfloor.

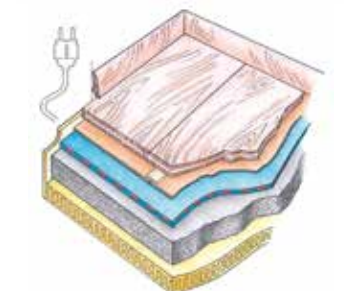
## ► ADMONTER FLOORS ON UNDERFLOOR HEATING:

In addition to a Floating Installation, full-surface gluing with Admonter Elastic Adhesive has proven itself as an ideal installation system due to improved heat transfer and low-gap formation.

Warm water, low temperature underfloor heating systems are recommended for use with Admonter Floors. A surface temperature of 29 Celsius must not be exceeded.



The same applies to electric surface heating with gentle heat-up and cool-down characteristics. ATTENTION : Heat build-up under large floor objects such as rugs, couches, futon beds etc, should be avoided.



In the case of underfloor cooling, it must be ensured that no dew point conditions occur at any time in the area of the floor surface.

More information can be found on our data sheet: „Admonter FLOORs on underfloor heating and cooling“.

# BEFORE INSTALLATION: PRE-SORTING

With an Admonter Natural Wood Floor, you have chosen for outstanding quality and a genuine, natural product.

Before laying, the floor should be room acclimatized however the individual packages are only to be opened immediately before laying. Prior to installation, it is particularly important to sort the individual planks by colour. You will see that each floorboard will vary in its colour – just as it does in nature. By pre-sorting, it's possible to deliberately influence the overall appearance of the room, depending on how the boards are sorted.....

PLEASE NOTE: Calm or vivid sorting of boards will provide a different appearance.

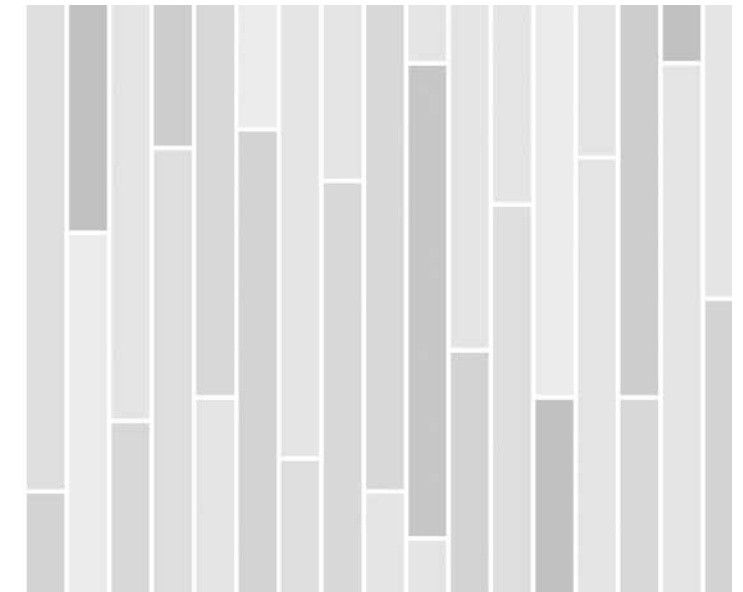
- ▶ **English pattern:** In this case the boards are laid in individual rows, but always offset by half of the parquet board. This lets the English pattern appear much more tranquil than ship deck style flooring.
- ▶ **Random pattern:** The floorboards are always laid in individual rows. The boards are slightly offset in every row. The offset distance is random although the face joints must have the minimum required distances (Small – 30cm / Classic – 50cm) as per the installation and care instructions.



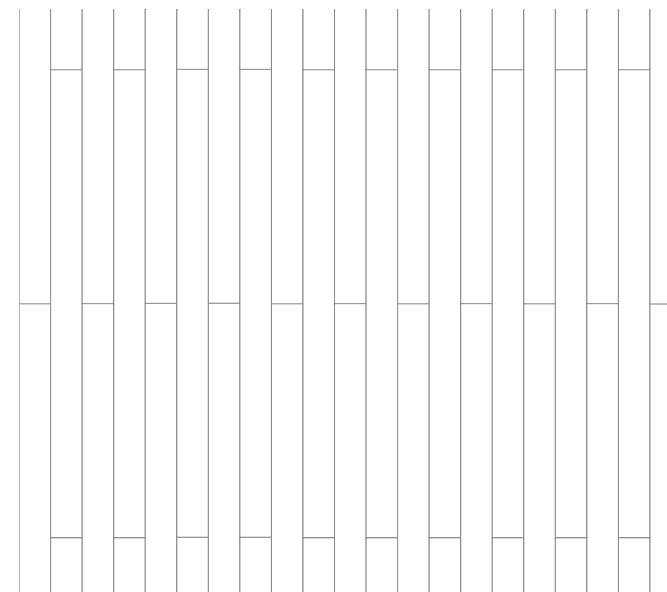
## ▶ MERGING COLOUR



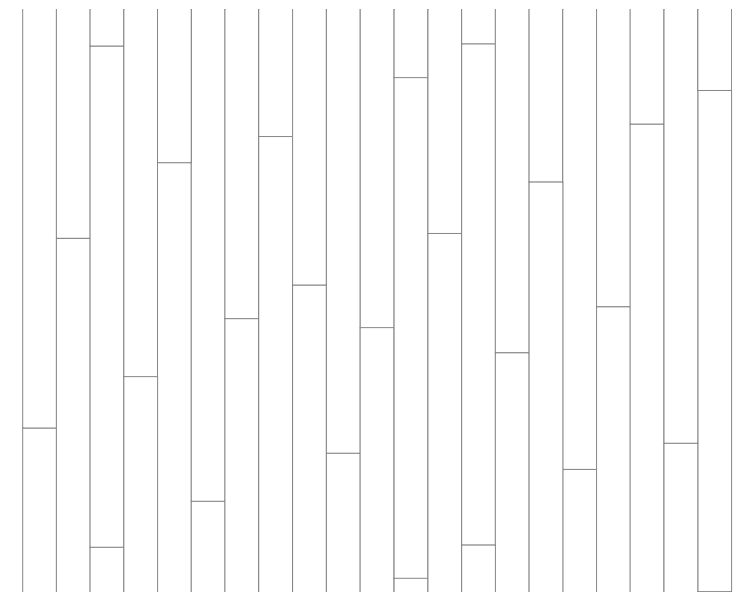
## ▶ DELIBERATELY MIXING COLOUR



## ▶ ENGLISH PATTERN



## ▶ RANDOM PATTERN





# CARE & MAINTENANCE

## FOR NATURAL OILED, PRO CARE & EASY CARE FINISHES

### REGULAR CARE & MAINTENANCE

**Washing :** We recommend using two buckets for cleaning your floor – one for the care product and the other for clean water to rinse the mop. To one bucket add approximately 100ml of Admonter Clean & Care to 10 litres of warm water and mop in the direction of the grain using a damp mop. Over time when the colour of the floor has faded or looks dull, add 1,000ml of cleaning product to water and clean as normal.

**Please note:** Admonter Clean & Care contains both cleaning and care ingredients however, with natural oiled surfaces, this cleaning alone is not enough. Periodic re-oiling is required. Please do not use microfibre cloths or mops on the floor as they are abrasive.

### SURFACES - CARE

#### ► GENERAL REQUIREMENTS:

Sweep or vacuum all dust and dirt off the floor before undertaking any care or maintenance procedures. If the floor is still dirty, use Admonter Clean & Care to wash the floor and let dry.



#### ■ MAINTENANCE (RE-OILING) - NATURAL-OIL-SURFACE

Admonter Maintenance Oil should be shaken well before use and should be used sparingly (1 litre is sufficient for approx. 70 – 100 m<sup>2</sup>). Distribute the oil evenly with the use of an oil-sponge, soft cloth or spray can. The quantity of maintenance oil natural clear applied may vary due to the different absorption of the wood. Polish the floor using a polishing machine and a white pad (different colour pads may be used depending on 3M products).

Do not apply the oil thickly. Ensure an even distribution of the oil in order to avoid differences in the overall shine once the floor has dried. Should this occur, the appearance will even-out as the floor is used.

Allow the floor to dry for approx. 24 hours, taking extra care during this period to prevent any contact with moisture.

Depending on the polishing, the room temperature and the moisture level the drying of the floor can take 2 - 7 days. Please allow air to flow into the room and combine with underfloor heating to help dry the floor faster. During this period you can walk on with clean slippers, avoid any dirt!

Once re-oiled, cover high-traffic areas like hallways and entrances with cardboard. After use, oil-saturated cloths must be soaked in warm water and then hung out to dry (Caution: could be flammable).



#### ■ MATT LACQUER FINISH (WE RECOMMEND)

After installation add approx. 100 ml of Admonter Clean & Care to 10 litres warm water and wipe the floor in the direction of the grain, using a damp mop. Allow the floor to dry.

After the floor has dried the floor can be polished by hand or using a polishing machine.

\* different colour pads may be used depending on 3M products.

### SPOT REPAIRS

#### ► Renovations and repairs must be carried out by a specialist company!



► Repair instructions or detailed information must be requested separately for each product!

#### ■ GENERAL INFORMATION:

On the damaged area use the grey sanding pad\* and remove dust.

Thinly apply Admonter maintenance oil (for white oiled surfaces use the white maintenance oil - shake well before use!) with a cotton cloth. Allow the oil to soak in & then polish. Allow the repaired area to dry for some hours, repeat this application several times. Protect the repaired area for at least one week. Avoid exposure to moisture.

Please note: After use oil-saturated cloths must be soaked with water (self-ignition hazard).

\* different colour pads may be used depending on 3M products.

Repair oil



#### ■ REPAIR OF SURFACES:

##### • NATURAL OILED PRO CARE:

Local repair is possible

##### • NATURAL OILED EASY CARE:

Local repair is possible under certain conditions

##### • MATT LAQUER SURFACES:

Local repair not possible

## MAINTENANCE OIL FOR COMMERCIAL PROJECTS - INSTRUCTIONS

### FOR NATURAL OILED PRO-CARE FINISH

Wide plank floors installed in high traffic areas and commercial projects must be highly durable and easy to maintain. Therefore we recommend having the surface treated with Admonter Oil for High-Traffic areas and Commercial Projects by a flooring expert (industrial polishing machine required). In this way, your natural oiled floor will be given an additional wear layer and will ensure regular care and maintenance is easier.

#### ■ STEP 1

To a bucket with 5 litres of warm water add 100ml of Admonter Clean & Care and mix. Using this mixture, the floor should be washed with a damp mop in the direction of the grain. Allow the floor to dry well.

#### ■ STEP 2

Thinly apply Admonter Oil for High-Traffic areas and Commercial Projects. 1 litre is sufficient for approximately 40-60m<sup>2</sup> (depending on the wood species).

**NOTE:** 53. Apply the Commercial Oil with a spray bottle for optimal distribution. Polish the oil evenly and intensely using a polishing machine and a soft pad. When using 3M products, please use the beige pad. Do not apply the oil too thickly, taking care to spread it uniformly over the area to avoid differences in sheen after the floor has dried. Corners should be finished by hand and blended into the middle section of the room with the polishing machine. Following the treatment, do not walk on the floor and protect it from moisture for at least 24 hours. For the next week, treat the floor carefully and protect it from dirt and moisture.

This will allow the surface to completely harden, providing your floor with a very durable and resistant finish.



## DEEP CLEAN & RE-OILING – INSTRUCTIONS

### FOR NATURAL OILED PRO CARE FINISH

With regular care & maintenance, natural oiled surfaces will provide a long-lasting and durable finish. Through wear and tear of everyday use however, the surface may lose its original factory finish, turn grey or become heavily soiled. In this case we recommend a quick and simple reconditioning treatment of deep cleaning and re-oiling to be carried out by a flooring expert – (industrial polishing machine required).

#### ■ STEP 1

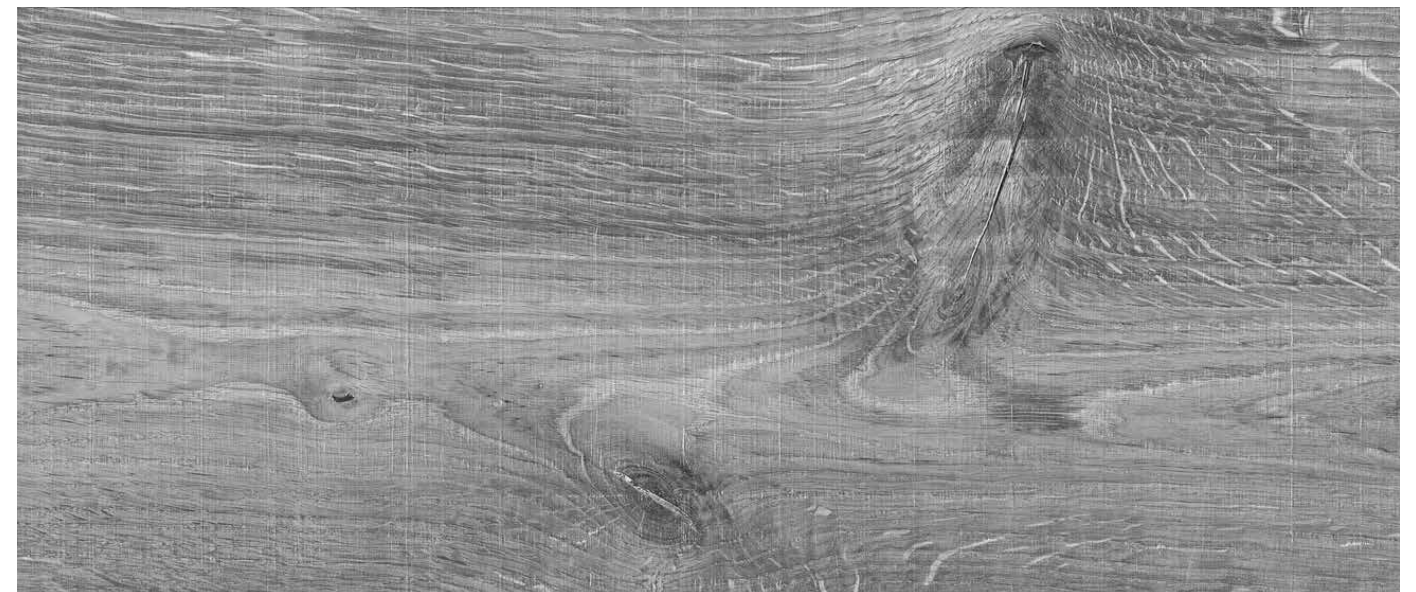
Mix Admonter Hydro-cleaner at a ratio of 1:2 to 1:10 (depending on how dirty the floor is) with water and use it to mop the floor in the direction of the grain. Use the polishing machine with a red pad to work the cleaner into the floor. After this, mop again with clear water (if necessary 2-3 times). Beware not to soak the floor with water. Allow at least 24 hours for the floor to dry before undertaking Step 2. It is recommended to cross ventilate the room during this time.

#### ■ STEP 2

Thinly apply Admonter maintenance oil (shake well before use) or Admonter high traffic oil and evenly distribute it using a sponge or a soft cloth (1 litre is sufficient for approx. 60 - 100 m<sup>2</sup>). For white natural oiled surfaces use the white maintenance oil. After 15 – 20 minutes polish the Admonter maintenance oil in using a polishing machine and a beige pad (colours of the pad according to 3M products). Small areas can also be treated by hand using a white polishing pad or a soft cloth. Polish the oil in thoroughly. Do not apply too thick in places and spread the material regularly in order to avoid differences of the sheen after the floor has dried!

#### ■ STEP 3

Following the treatment, do not walk on the floor and protect it from moisture for at least 24 hours. For the next week, treat the floor carefully and protect it from dirt and moisture. This will allow the surface to completely harden, providing your floor with a very durable and resistant finish.





# DEEP CLEAN - INSTRUCTIONS

## FOR NATURAL OILED EASY CARE FINISH

The easy care surface is already factory finished with an additional coat of oil, therefore no final coat of oil is required after installation.

Continuous maintenance care still needs to be carried out to ensure lasting resilience. However, if the surface becomes unsightly due to overuse or because of problems with its maintenance and care (extreme contamination, greying, etc.), renovation is only possible by a specialist.

Repair and supplementary oils are available on request.

Renovation of the easy care surface should always be carried out by a specialist. Sweep up or vacuum any loose dust and dirt on the floor before carrying out any care activities. In addition, masking the skirting boards, furniture and the walls close to the floor to protect them against the resulting dirty water is recommended. Then the Admonter Remover can be used to dissolve the firmly adhering dirt.

### ► AREA BEFORE CLEANING:

Shake the container (Admonter Remover) well before use and mix at a ratio of about 100 ml of detergent to 5 litres of water. If this mixture does not achieve the desired cleaning effect, the amount of detergent can be increased up to 250 ml in 5 litres of water.

The floor is then wiped wet (see Fig. 2) and evenly cleaned with a commercially available polishing machine (see Fig. 3). A beige pad (colours based on 3M products) is used for this purpose.

If the soiling is more severe, a red pad (3M) may be used. When working with soft woods, make sure that no sanding marks are left in the wood. Depending on the intensity, it may not be possible to completely remove deep-set dirt in pores.

► Fig. 2 Wiping the dirty area



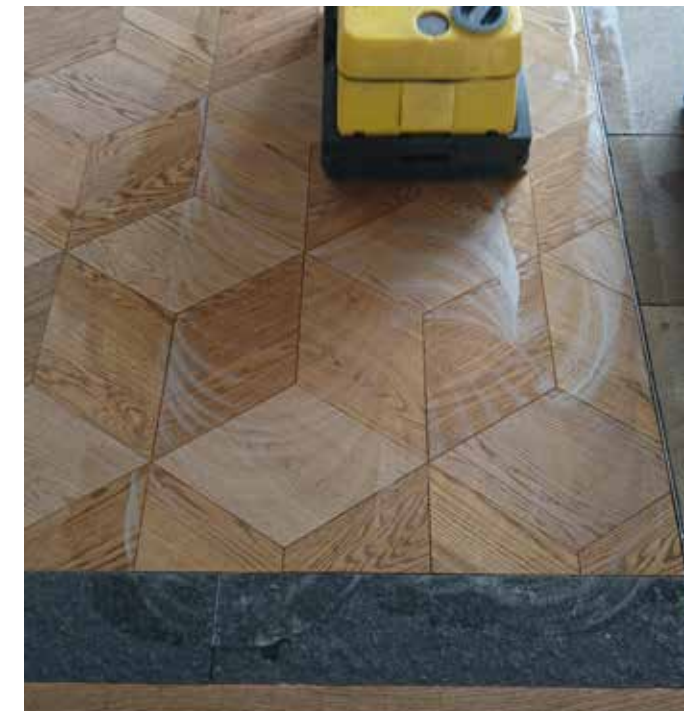
► Fig. 3 Rubbing with a polishing machine



Immediately after the surface has been rubbed off, use the wet and dry vacuum cleaner to rework the surface (also in the area towards the edges – the formation of water puddles must always be avoided – see Fig. 4).

It is recommended that 2 people work together on larger areas greater than 16m<sup>2</sup> so that the dirty water does not dry out on the floor surface. If necessary shade floors from sunlight to hinder any drying action the heat may cause. It is recommended to allow the floor to dry completely at least overnight and then still check the wood moisture content the next day (7 +/- 2% equilibrium moisture content).

► Fig. 4 Sucking up the dirty water



► Fig. 5 Comparison: Before – after



Fig. 5 shows a comparison of before and after cleaning with Admonter Remover. Check the surface after when it has dried or re-oil if necessary.



# GENERAL INFORMATION

## INFORMATION FOR YOU

### ■ FOR THE PERFECT PROTECTION - ADMONTER FLOORLINER -

Appropriate and effective protection for covering the floor after installation.

If this is not possible, we recommend to use Admonter Floor-liner in order to avoid damage or soiling of the floor prior to handover.

If the floor has been recently oiled, wait for 72 hours or when the floor is completely dry before installing the Floor-liner over the floor.

**IN ADDITION: Dirt-trapping zones** Prevent dirt and moisture from being carried inside with the use of foot mats at all entrances. This will protect floors from dirt and damage from stones, moisture and dirt.

\* different colour pads may be used depending on 3M products.



# UNDERFLOOR HEATING AND COOLING

Admonter floors are ideally suited for use on underfloor heating systems, designed in accordance with DIN EN 1264 (series) "Surface-embedded heating and cooling systems with water flow -- Part 3: Design". Except wood types susceptible to movement such as beech.

In addition to floating installation, glue-down with Admonter Elastic has proven itself as an ideal installation system due to improved heat transfer and low gap formation.

When flooring is laid over unheated floors and in rooms without cellar space underneath, the installation of durable waterproofing and an active vapour barrier to prevent any damage due to rising moisture from the subsoil are important factors to take into consideration.

Both professionally produced wet and dry screed systems can be used. The screed has to be cured according to the manufacturer's instructions. The **residual moisture** as per the CM method at the time of installation **may not exceed 1,8% for cement screeds and 0,3% for anhydrite**. When other screed systems or chemical additives such as accelerators are used, the manufacturer's instructions must be followed. The corresponding relative humidity of the screed must be below 60% rH in any case. A corresponding relative humidity is considered the measured value in the state of equilibrium under a sufficiently large, sealed test surface on the surface of the screed.

Warm water, low temperature underfloor heating systems are recommended for use with Admonter Floors. A surface temperature of 29 Celsius must not be exceeded. This is according to DIN EN 1264 (series) and ONORM B 2242 which also stipulates **areas around room edges** must not exceed 29 Celsius. The same applies to electric surface heating with gentle heat-up and cool-down characteristics. ATTENTION : Heat build-up under large floor objects such as rugs, couches, futon beds etc, should be avoided.

Please refer to the technical information table at [www.admonter.com](http://www.admonter.com) for the respective heat transfer resistances of Admonter floors.

If no other specifications are given, screed and room temperature between 18 and 23 °C and relative humidity of a maximum of 65% at installation must be adhered to.

EN 15251:2012 "Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lighting and acoustics" recommends a seasonal **relative humidity of about 30% to about 65%** for a healthy indoor climate. Natural manifestations typical to wood such as gaps and cracks or warping occur to a moderate degree at this humidity range. Longer-term deviations can be the cause of adverse health effects. Wooden floors then are prone to excessive changes in appearance, such as large deformations, and gap or crack formation. To keep the relative humidity at 30 – 65% throughout the year may require the use of mechanical humidifiers or a moisture recovery system in ventilation systems while heating takes place.

Please also refer to the **Admonter comfort diagram** at [www.admonter.com](http://www.admonter.com). In this regard, attention is drawn to the use of the Fidbox®, which provides a multi-year climate record and which is user-friendly to read.

**Underfloor cooling** - In terms of building physics, the installation of a room cooling system at floor level is not ideal, preferably it should be installed in the wall and ceiling area. Basically, Admonter Floors are suitable for laying over under-floor cooling systems if it can be regulated and detected so that a daily average of 65% relative humidity directly on the parquet floor is not exceeded and that the dew point is never even close to being reached. Although only to a moderate degree, the natural phenomena typical to wood such as gaps, cracks or warping as during heating should then also to be expected. **A single dew point measurement on the inflow pipe is in any case not sufficient!** Full-surface bonding with Admonter elastic adhesive is required.

Delamination tests as per Test Method HFA AA B 214 or IHD factory standard 482 "Testing the adhesion of multi-layer parquet" are suitable to examine the product quality of the adhesion of multi-layer parquet (condition as delivered).



# ECOLOGY AND SUSTAINABILITY

## ■ WHY CHOOSE ADMONTER

In addition to in-house quality control, the Admonter products are also regularly checked by accredited institutions. Apart from all the structural standards, they also meet the highest environmental and health requirements.

### Our commitment to nature begins at home:

- Admonter sits amid the forests of the Gesause National Park
- Our wood is sourced from sustainably managed forests
- We manually inspect the quality of our work
- Formaldehyde-free glues are only the start of our commitment to producing healthy products for indoor use.

## ■ SUSTAINABILITY WE WALK THE TALK

The independent control of our entire production chain – from the forest to the final product, guarantees the seamless traceability of the flow of wood along the entire journey, taking into account the economic, ecological and social aspects of production.

Choosing Admonter is a choice for nature. In every respect.

The abundant forests that surround Admont and many parts of Austria means our raw materials have a short delivery route to production at Admonter.

## ► OUR PRODUCTS CAN BE SAFELY USED INDOORS



## ■ SUSTAINABLE USE OF THE MATERIAL

Apart from the origin of the raw material from sustainably managed forests, the sustainable use of the material plays an equally important role at Admonter. The use of a raw material over several stages is known as the cascading or multiple use.

It starts with a product that has the highest added value, ecologically creates the greatest benefit and does not exclude multiple use.

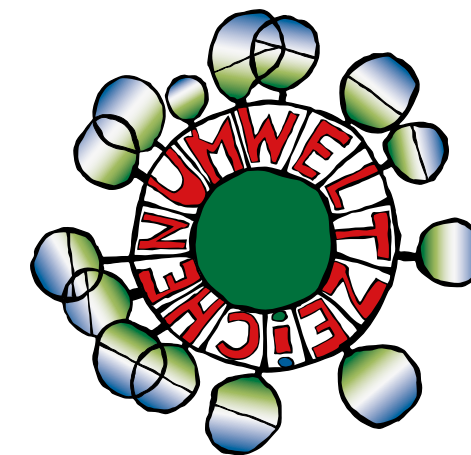
Many Admonter products are rated by the Sentinel House Institute and approved for use in „healthier buildings“. In doing so, emphasis is placed on the lowest possible indoor air emissions.

# ECOLOGICAL FOOTPRINT

## ■ AUSTRIAN ECOLABEL

The Austrian Ecolabel provides consumers with an information base for environmentally friendly purchasing decisions. It is a state-awarded eco-label that draws the public's attention to the environmentally harmful production, use and disposal of consumer goods, and in turn, labels environmentally friendly products and services. Products labelled with the eco-label for indoor use produce little or no pollution and therefore make an important contribution to the quality of indoor air.

**Admonter is the first Austrian wood flooring manufacturer to be awarded with the Austrian EcoLabel.**



## ■ WHY EPD

An Environmental Product Declaration (EPD) is aimed at assisting builders, architects and processors to compare the environmental impact of different products with each other.

An EPD is a neutral tool for communicating the environmental properties of products – independently audited according to standardised rules.

The conducting of an LCA study regulate the ISO 14040 and ISO 14044 series of standards. In an LCA the environmental relevance of the various life stages of the product or process are examined.

► For more information visit us at [www.admonter.com](http://www.admonter.com)



## ■ WITH A GOOD CONSCIENCE

The "Life Cycle Assessment" LCA is the compilation and assessment of the input and output flows and the potential environmental impact of a product in the course of its life. Factors such as resource consumption, global warming potential or energy content are represented by key figures. The sum of the required resources and emissions ("LCI") is converted into indicators of a comprehensive impact assessment.

The LEED sustainability standard is an internationally comparable quality label for energy-efficient and environmentally responsible buildings, interiors and management concepts.

# WARRANTY / HEALTHY INTERIOR AIR

## ■ 30 YEARS WARRANTY

Honestly, who will still have their invoice at hand after 20, 25 years? Admonter Holzindustrie therefore offers customers a very special service. If you send the warranty certificate with a stamp of your dealer to Admonter, your data will be centrally stored and can be easily retrieved for up to 30 years if required.

**Note:** Admonter products from the ONDO line are issued with a 20-year guarantee.



## ■ NATURAL CARE


The best warranty for a beautiful floor finish is you! With an Admonter Natural Floor, you have purchased a genuine natural product of living material that will literally live with you. The way in which you handle your floor, the way you use it and care for it will determine its appearance over the years and decades to come.



## ■ TUV PROFICIENT PRODUCT FOR INTERIORS

Admonter products fulfil the award criteria V1.0 of the TUV-Proficient Product Interior Certification and which has been awarded in the PREMIUM class.

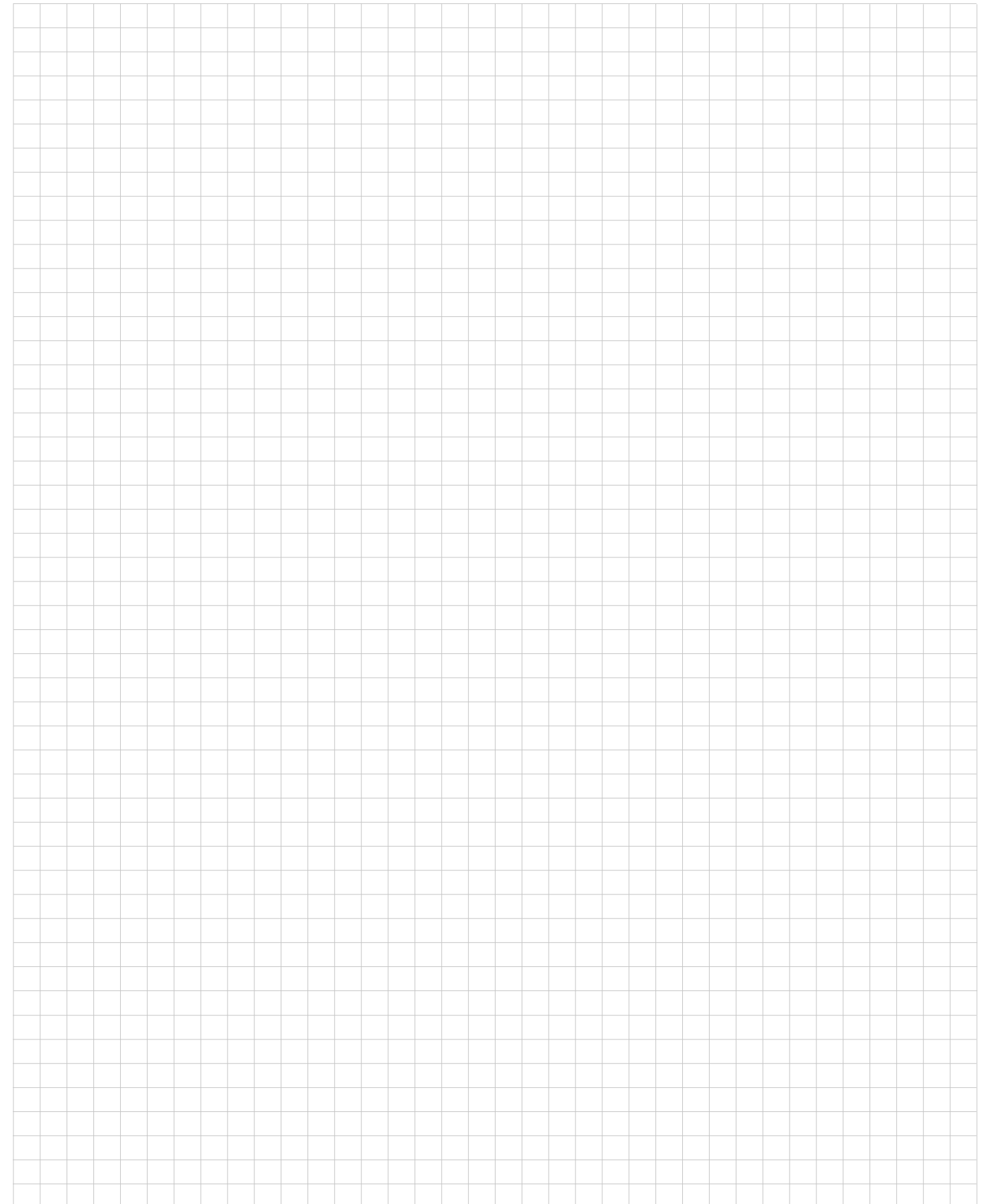
This simultaneously complies with the following emission limits.

- ✓ AgBB
- ✓ 
- ✓ Belgian VOC regulation
- ✓ LEED v4 (outside North America)
- ✓ BREEAM Exemplary Level
- ✓ Finnish M1 classification
- ✓ RAL-UZ 176 (Blauer Engel)

Overview of formaldehyde limit values		
Emission class	Test method according to	Limit value
E1	EN 717-1	0,1ppm (0,124mg/m <sup>3</sup> )
	EN 717-2	3,5mg/m <sup>3</sup> h
E0	AS/NZS 4266.16	0,5mg/l
F****	JIS A 1460	0,3mg/l
Sauna suitability according to ÖNORM M 6219-1 2010	EN 717-2 (tested at 90°C)	0,4mg/m <sup>3</sup> h
Steady state concentration of raw wood		0,01 ppm
Admonter solid wood multilayer products		0,01 ppm

► Our detailed folder about sustainability can be downloaded at [www.admonter.eu/de/downloads/](http://www.admonter.eu/de/downloads/)

# NOTE





# CONSULTING GUIDE ORDER SHEET

Customer:	
Editor:	
Sub customer:	
Editor:	
Order-No.:	
End customer:	
Deliv. address:	
BVH:	
Date of delivery:	
Date:	

PRODUCT:

SIZE:

Grading:	noblesse	elegance	basic	naturelle	rustic	used	autentico
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Texture:	sanded	brushed	cross	alpin	scraped	antico	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Texture:	ec easy care	pc pro care	ml matt lacquer				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Skirting:	Type 1	Type 2	Type 3	flush-mount-skirting			
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Stair nosing	TK (A/B/F/D/G)	TK-Special (C, H, E)					
	<input type="checkbox"/>	<input type="checkbox"/>					
STAIRs Floating tread design:	Dimension 1	Dimension 2	System 1	System 2	System 3		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
STAIRs self-supporting element:	Yes	No					
	<input type="checkbox"/>	<input type="checkbox"/>					
Installation/ Profile:	floating installation		full surface gluing		Tongue & groove	lock-it	
	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
Pre-sorting:	Merging color	mixing colour					
	<input type="checkbox"/>	<input type="checkbox"/>					
Installation pattern:	engl. pattern	random pat.					
	<input type="checkbox"/>	<input type="checkbox"/>					
FLOORs QUANTITY (m²):			Skirting QUANTITY (rm):			Stair nosing QUANTITY (rm):	

# CONSULTING GUIDE ORDER SHEET ACCESSORIES

QUANTITY (pc.):

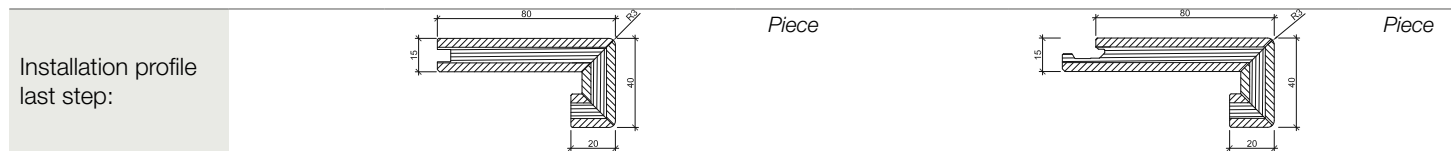
Admonter Clean & Care:	1 litre	6 pcs. carton	2,5 litre	4 pcs. / carton	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Admonter Clean & Care white:	1 litre	6 pcs. carton	2,5 litre	4 pcs. / carton	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Admonter Maintenance oil natural:	1 litre	6 pcs. carton	2,5 litre	4 pcs. / carton	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Admonter Maintenance oil white:	1 litre	6 pcs. carton	2,5 litre	4 pcs. / carton	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Admonter supplementary oil:	1 litre				
	<input type="checkbox"/>				
Admonter repair-oil:	30 ml				
	<input type="checkbox"/>				
Object oil (for pro-care finishes):	750 ml				
Admonter elastic ad- hesive:	16 kg / bucket				
	<input type="checkbox"/>				
Admonter natural underlay:	16 rolls à 30 m²				
	<input type="checkbox"/>				
Admonter Adhesive tape:	66 rm. per roll				
	<input type="checkbox"/>				
Admonter Floorliner:	50 m² rolls à				
	<input type="checkbox"/>				
Joint filling putty:	750 g				
	<input type="checkbox"/>				

Note:

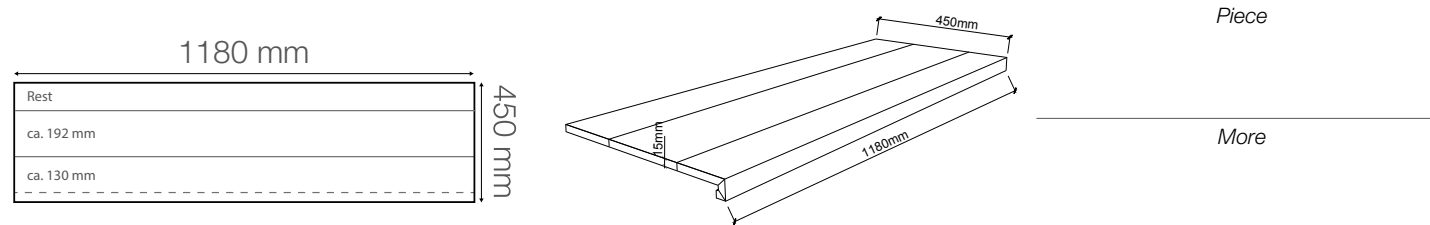
# ORDER SHEET: STAIRCASE ELEMENTS FOR CLADDING CONCRETE STEPS

Client:	Construction project:
Editor:	Date of delivery:
Order-Nr.:	Date:

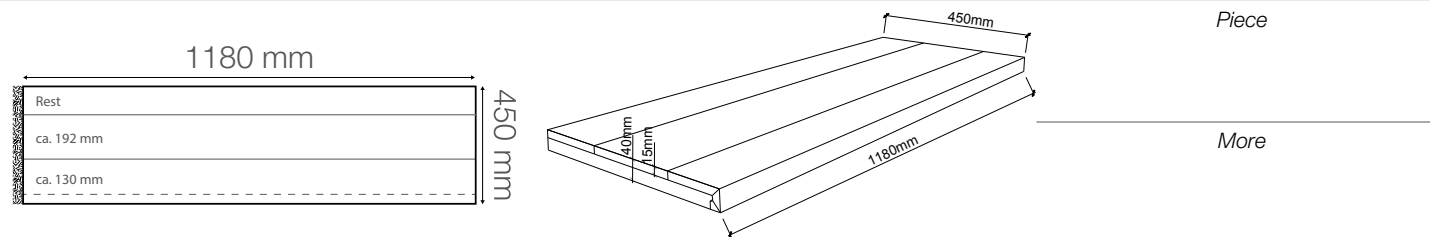
<b>FLOORs product:</b>	<b>Surface textures:</b>
<b>Grading:</b>	<b>Finishes:</b>
<b>Thickness / Width / Length:</b>	<b>Installation:</b>



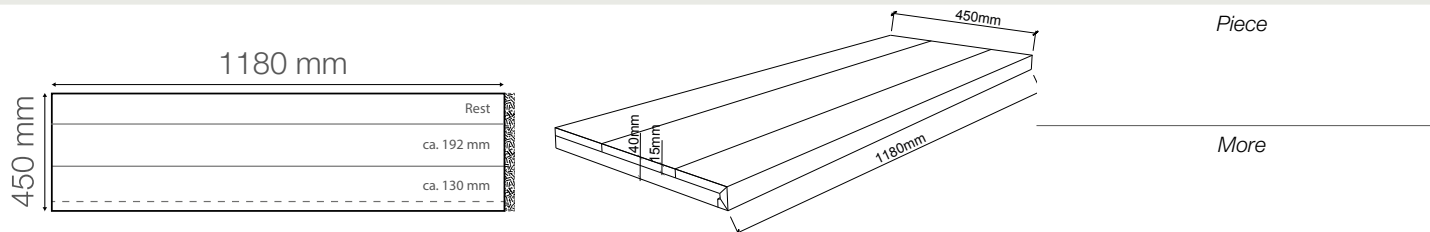
Product	Dimension approx. (mm) (Thickness / Width / Length)	Article-Nr. / Piece / More
Tread cladding straight - without edging for on-site trim adjustment		STAIR NOSING STANDARD-KICK



Tread cladding straight - with attachment 40 x 3 mm left for on-site trim adjustment		STAIR NOSING STANDARD-KICK-L
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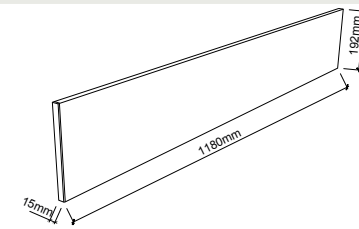


Tread cladding straight - with attachment 40 x 3 mm right for on-site trim adjustment		STAIR NOSING STANDARD-KICK-R
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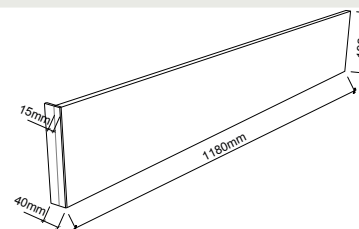
# ORDER SHEET: STAIRCASE ELEMENTS FOR CLADDING CONCRETE STEPS

Product	Dimension approx. (mm) (Thickn. / Width / Length)	Article-Nr. / Piece / Further
Riser with edge 15 mm laterally on one side for on-site trim adjustment		STAIR NOSING-RISER STANDARD-15



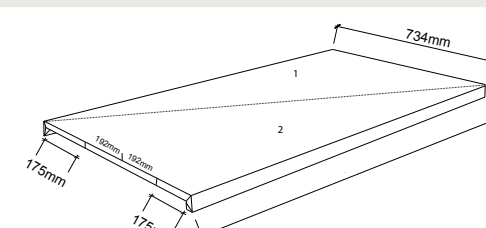
1180 x 192 x 15 mm [More](#)

Riser with border 40 mm laterally on one side for on-site trim adjustment		STAIR NOSING-RISER STANDARD-40
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1180 x 192 x 15 mm [More](#)

Tread cladding for coiled without edge band for on-site trim adjustment		STAIR NOSING-RISER STANDARD-COILED
---	--	------------------------------------



734 mm [More](#)

Border loose with texture & surface for on-site assembly		STAIR NOSING-BORDER-40
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3 x 40 x 960 mm [More](#)

**Requirement: Full-surface bonding on a level surface!**

More Information:
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More information, as well as our binding  
Maintenance & Installation Instructions  
can be found at:

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[www.admonter.com](http://www.admonter.com)



## Admonter Holzindustrie AG

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info@admonter.at - www.admonter.com



Origin of wood: EUROPA

Exception: American Walnut, American Cherry, Siberian Larch)