

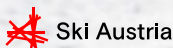
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RACE GUIDE

NORDIC ENGLISH VERSION

Official supplier





The International Ski and Snowboard Federation (FIS) and the International Biathlon Union (IBU) have issued a complete ban on ski preparations containing fluorine for all FIS and IBU competition series since the 2023/2024 season.

The Europe-wide ban on ski preparations containing fluorine has not yet come into force. They may continue to be sold without restriction in specialist sports shops.

HOLMENKOL welcomes the planned European legislation on the ban on ski preparations containing fluorine and has completely discontinued the production of these products.

All HOLMENKOL ski waxes from the Race Guide are "MADE IN GERMANY" and comply with the current EU regulation.

Our team is looking forward to seeing you again at one of our numerous specialist seminars, which will once again focus on just one thing – the "License to WIN!"

We wish you an exciting and successful season!

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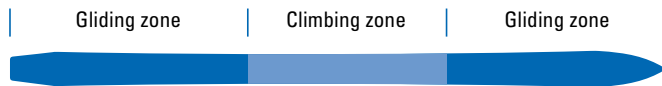
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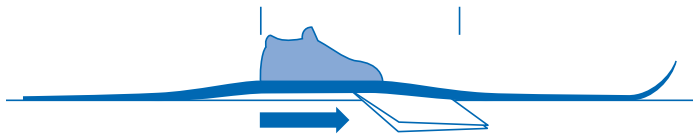
The most important thing in classic skiing is the choice of ski.

It should have sufficient residual tension so that the wax joint does not press on the snow during the gliding phase. On the other hand, the ski should only be so hard, that the climbing wax can also be pressed to the ground in the push-off phase. Due to the thicker layer of wax, Klister skis should be selected somewhat stiffer than those for grip wax. Otherwise, the following applies: hard track - hard ski, soft track - soft ski. Specialists can help you choose the right skis and determine the climbing zones at. Should problems nevertheless arise, the paper test can help.



Gripwax Ski

Fold the sheet of paper once, place it under the climbing zone and load both skis evenly. A second person pulls the sheet towards the tip of the ski. If the sheet stops, you get the mark for grip wax in the front area. The same applies to the rear area. If the blade can be moved further than the heel end, the climbing zone ends at the heel end.



Klister Ski

Fold the sheet twice and carry out the process as described for Gripwax Ski.



Climbing waxes have to meet three essential requirements:

1. Adhesion to the surface:

We recommend ironing the first layer of grip wax or warming it up at. (Only) for very abrasive snow, iron a thin layer of Base underneath. With klister, it is generally recommended to apply a very thin layer of blue klister underneath.

2. Snow crystals must be able to be pressed into the wax:

Cold fresh snow is finely crystalline with the typical hexagonal and sharp-edged structure. It can also be easily pressed into relatively hard wax. In contrast, powder snow that has been influenced by sunlight, wind and temperature fluctuations usually no longer has these sharp edges and requires softer wax. Coarse-grained snow cannot be pressed into the thin layers of grip wax, which is why klister is used. This is softer and is usually applied thicker and also provides grip for large and less angular crystals.

3. Wax must release the snow crystals:

This is why you should not wax as soft as you like. The snow crystals then get stuck in the wax and freeze. This leads to "lug formation", but at least to poorer gliding properties. If necessary, a softer layer should be covered with a harder one, in order to achieve equal grip and ride.

Areas of application for HOLMENKOL® climbing waxes are adapted to the air temperature.

SAFETY PRECAUTIONS WHILE WAXING



All HOLMENKOL® Base, Race and Worldcup Finish Waxes have information on the processing temperature on the packaging. Nevertheless, as with work in any workshop, certain precautions must be taken and rules observed when preparing skis:

Always ventilate the work area well!

Do not expose waxes to open flames or appliances with exposed heating wires!

Do not smoke during processing!

Only use special wax irons!

The specified wax temperatures should not be exceeded! (Avoid smoke development!)

Racing Waxes should be ironed in at 115 °C to max. 130 °C and Worldcup Finish Waxes at 150 °C to 160 °C. Higher temperatures are not necessary

HOLMENKOL® Syntec FF1 Powders are **NOT** toxic and **NOT** harmful to the environment. At temperatures above 165 °C, however, toxic compounds may be formed. Therefore, avoid open fires, embers or equipment with exposed heating wire during processing. Ensure good ventilation during processing and, if possible, use respiratory protection, especially when brushing.

When using liquids or spray products, ensure adequate ventilation and do not inhale spray mist. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.


If surface cleaners are used, ensure good ventilation and do not inhale vapors directly!





New skis should be primed before first use. The same applies to skis that have been resanded and structured. The first preparation is important for deep penetration of the ski base with wax. Machine structuring of the base produces fine hairs, which are removed by this preparation. In general, cold snow skis need to be prepared more often and more precisely than wet snow skis.

i You will need the following items for this application

Pad Set	Art. No. 24495
Base Brush Bronze	Art. No. 24502
Digital Racing Waxer Thick Plate	Art. No. 24582
Alternative: Classic Waxer	Art. No. 20602
Plastic Scraper	Art. No. 20630
HOLMENKOL® Base Wax (s. Wax Chart p. 29)	
Care Fleece	Art. No. 24490


1  Use the Pad Set (green) to remove the fine micro hairs of the base. For cold snow skis approx. 10 times. In the case of wet snow skis, do not perform this operation in order to keep the structure sharp.


2  Brush the skis in the direction of travel approx. 10–20 times with Base Brush Bronze and clean with Care Fleece.


3  Wax the ski well.


To do this, set the iron to the temperature specified on the wax packaging and iron in at a even speed.

→ **Tip:** Prime cold snow skis with hard wax (e.g. Syntec FF Bar BLU alternatively Ultramix BLUE), wet snow skis with softer wax (e.g. Betamix RED, Syntec FF Bar RED)

4  While still warm, clean the center groove with the groove pin.

5  Then remove the wax with a sharp Plexi Scraper in the direction of travel.

6  Brush the skis approx. 10–20 times in the direction of travel with Base Brush Bronze.

7  Clean skis with Care Fleece.

This process is now repeated several times, usually 5–8 times for cold snow skis and 2–3 times for wet snow skis. The ski is now ready for the cross-country ski trail or primed for preparation with racing wax.



You can find detailed videos about the applications on our YouTube Channel.

PREPARATION OF THE GLIDING ZONE WITH RACING WAX



After the basic preparation, Racing Waxes Syntec FF Bar and Worldcup Finish products can now be applied.

Preparation with Racing Wax:

i You will need the following items for this application:

Groove Scraper	Art. No. 20638
Plastic Scraper	Art. No. 20630
Base Brush Bronze	Art. No. 24502
Alternative: Oval Brush Steel	Art. No. 24522
Base Brush Steel Micro Finish	Art. No. 24503
HOLMENKOL® Base Wax (s. Wax Chart p. 29)	
HOLMENKOL® Racing Wax (s. Wax Chart p. 29)	
Digital Racing Waxer Thick Plate	Art. No. 24582
Alternative: Classic Waxer	Art. No. 20602
Care Fleece	Art. No. 24490



Expose the center groove with a Groove Scraper.



Clean the ski base of old wax residues with a sharp plastic blade (training/primary/protective wax).

→ Do not press too hard when peeling off, otherwise the structure of the coating may change.



Brush the skis in the direction of travel with Base Brush Bronze.



Use Base Brush Steel Micro Finish to expose the structure and then remove wax residues with Care Fleece.



Apply HOLMENKOL® Racing Wax evenly with the waxing iron.

Please refer to Worldcup Finish Wax preparation on the next pages.



Iron on the wax evenly in the direction of application.

Repeat this process 2–3 times. Do not overheat the ski and do not burn the ski base.

→ **Tip:** HOLMENKOL® Wax Fleece (Art. Nr. 20620) can be used at to prevent the coating from burning.



While still warm, clean the center groove with the Groove Scraper.



After the ski has cooled down, remove the wax with moderate pressure using the Plastic Scraper in the direction of travel.



Brush the skis in the direction of travel with Base Brush Bronze and clean with Care Fleece. Alternatively, the Oval Brush Steel can also be used.










Exposing the structure with the Base Brush Steel Micro Finish significant time advantages when running!



i You will need the following items for this application:

Syntec FF2 Liquid	
Finish Cork	Art. No. 20645
Base Brush Nylon	Art. No. 24510
Base Brush Steel Micro Finish	Art. No. 24503
Care Fleece	Art. No. 24490

- 1  Soak Care Fleece with Syntec FF2 Liquid.
- 2  Apply a sufficient layer of Syntec FF2 Liquid evenly to the ski prepared with Base and Racing Wax.
- 3  Work in with Finish Cork.
- 4  Brush out the coating with the Base Brush Nylon several times in the direction of travel.
- 5  Clean skis with Care Fleece.
- 6  To expose the microstructure of the ski, brush the base again 2–3 times with the Base Brush Steel Micro Finish in the direction of travel. This creates significant time advantages when running!
- 7  Clean skis with Care Fleece.

i You will need the following items for this application:

Syntec FF1 Liquid	
Finish Cork	Art. No. 20645
Base Brush Nylon	Art. No. 24510
Base Brush Steel Micro Finish	Art. No. 24503
Care Fleece	Art. No. 24490

- 1  Soak Care Fleece with Syntec FF1 Liquid.
 - 2  After the ski has been treated with Base and Racing Wax, the Syntec Liquid FF1 is applied.
 - 3  Leave on briefly and then work in with Finish Cork.
 - 4  Brush the ski base several times with the Base Brush Nylon in the direction of travel.
 - 5  Apply the Syntec FF1 Liquid again.
- **Tip:** For longer distances, the abrasion resistance and gliding properties can be increased by applying a second coat.
- 6  To expose the microstructure of the ski, base again 2–3 times with the Base Brush Steel Micro Finish in the running direction in. This creates considerable time advantages when running!
 - 7  Clean the ski base with Care Fleece.





Preparation with Syntec FF1 Powder:


HOLMENKOL® Worldcup Finish products are used after basic and racing preparation.


i You will need the following items for this application:


Syntec FF1 Powder	
Digital Racing Waxer Thick Plate	Art. No. 24582
Alternative: Classic Waxer	Art. No. 20602
Groove Scraper	Art. No. 20638
Plastic Scraper	Art. No. 20630
Base Brush Steel	Art. No. 24524
Base Brush Steel Micro Finish	Art. No. 24503
Care Fleece	Art. No. 24490


1  Apply the powder evenly to the prepared with Base and Racing Wax.


2  Iron on the powder evenly in the direction of travel and then allow to cool well.


3  Expose the center groove with the Groove Scraper.

4  Remove the wax with the Plastic Scraper.

5  Brush out with the Base Brush Steel.

6  Clean the ski base with Care Fleece.

7  To expose the microstructure of the ski, base again 2–3 times with the Base Brush Steel Micro Finish in the running direction in. This creates considerable time advantages when running!

8  Then wipe the coating with the Care Fleece.



You can find detailed videos about the applications on our YouTube Channel.

After the run/competition, the glide zones of the skis should be cleaned for the next use.

i You will need the following items for this application:

Plastic Scraper	Art. No. 20630
Oval Brush Steel	Art. No. 24522
Alternative: Base Brush Bronze	Art. No. 24502
Digital Racing Waxer Thick Plate	Art. No. 24582
Alternative: Classic Waxer	Art. No. 20602
HOLMENKOL® Base Wax (s. Wax Chart p. 37)	
Care Fleece	Art. No. 24490

1



Remove the ski base with the Plastic Scraper easily.

2



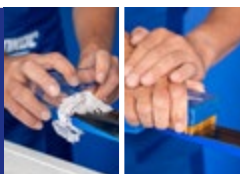
Coating with Oval Brush Steel or Base Brush Bronze several times in the direction brush out. Remove any remaining dirt with Care Fleece.

3



Apply the Base Wax (e.g. Betamix RED) to the ski base and iron on.

4



Remove the still-warm wax with the Plastic Scraper.

Then brush the ski base well with Base Brush Bronze.

→ **Tip:** If the skis are not to be used again immediately afterwards, the base with a protective or training wax (Betamix RED) can be ironed in. Repeat the process depending on how dirty it is.

The use of Racing products can impair the wax absorption of the ski base. The HOLMENKOL® Syntec FF Cleaner removes wax residues and soiling and protects the wax base.

i You will need the following items for this application:

Syntec FF Cleaner	Art. No. 24519
Care Fleece	Art. No. 24490
Base Brush Steel Micro Finish	Art. No. 24503

1



Soak Care Fleece with Syntec FF Cleaner...

2



...and rub down surface of the ski thoroughly.

3



Quickly clean the wet ski base with a clean Base Brush Steel Micro Finish in the direction of travel.

4



Pick up the last remnants with Care Fleece.

→ **Tip:** If a ski has already been ironed in several times with Racing or Worldcup Finish Wax, it can also be useful to clean the ski before the race preparation. This usually results in a higher speed and a better running feel.

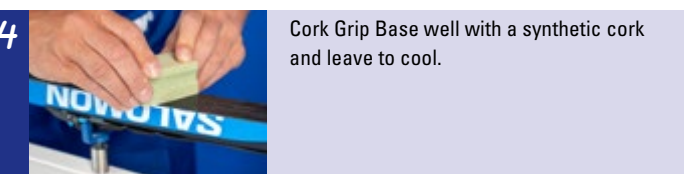
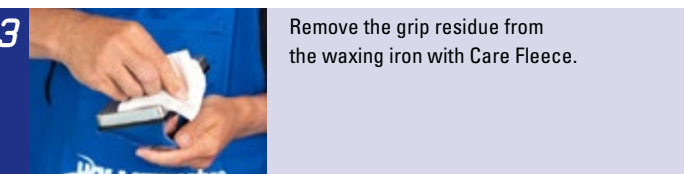
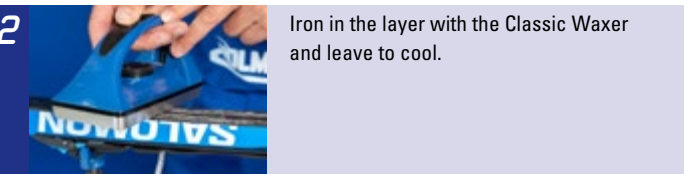
PREPARATION WITH GRIP BASE

For fine-grained, grainy old or artificial snow as well as longer distance runs, it is necessary to apply Grip Base to improve abrasion resistance.

In fresh snow, it is not necessary to apply a layer of Grip Base as this snow is less aggressive. Instead a layer of Grip Blue or Grip Green is ironed in.

i You will need the following items for this application:

Grip Base	Art. No. 24224
HOLMENKOL® Grip Waxes depending on snow type and air temperature p. 36	
Classic Waxer	Art. No. 20602
Synthetic Cork	Art. No. 20646



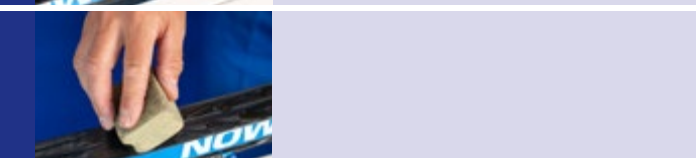
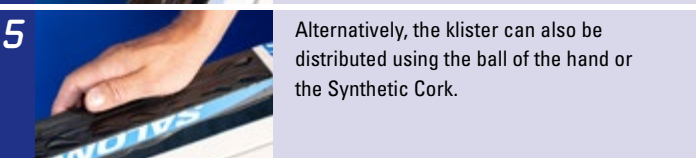
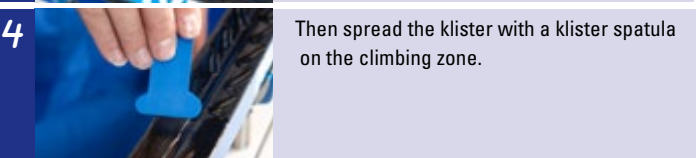
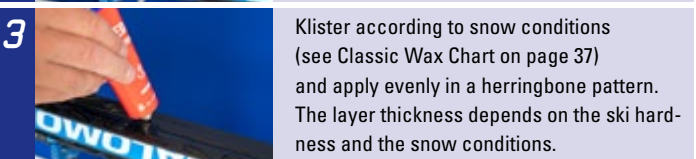
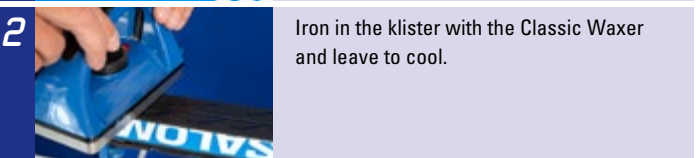
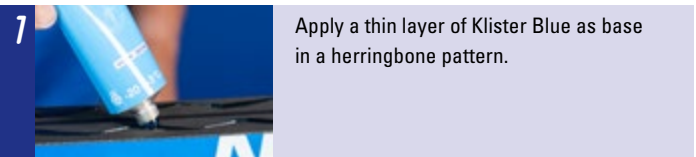
→ **Tip:** To improve the gliding properties, a layer of Grip Blue can be applied to the Grip Base and ironed in. Allow this layer to cool and rub out with the Synthetic Cork.

PREPARATION WITH KLISTER

To improve the abrasion resistance and stability of klister, it is advisable to apply a base klister. The following is used here Klister Blue.

i You will need the following items for this application:

Klister Blue	Art. No. 24237
Classic Waxer	Art. No. 20602
HOLMENKOL® Klister depending on snow type and air temperature p. 37	
Optional: Synthetic Cork	Art. No. 20646



→ **Tip:** For outdoor applications and in colder outside temperatures Klister should be warmed lightly before application.

i You will need the following items for this application:

Klister spatula (included in every klister pack)	
Wax Ab – Wax Remover Spray	Art. No. 24410
Pad Set	Art. No. 24495
Care Fleece	Art. No. 24490

1 Remove Gripwax or Klister residue from the climbing zone with a Klister spatula.



Remove Gripwax or Klister residue from the climbing zone with a Klister spatula.

2 Spray on Wax Ab and leave on briefly.



Spray on Wax Ab and leave on briefly.

3 Soak the pad with cleaner or Wax Ab and clean the ski base and the sidewall from wax residues.



Soak the pad with cleaner or Wax Ab and clean the ski base and the sidewall from wax residues.

4 Clean the climbing zone with cleaner or Wax Ab and Care Fleece.



Clean the climbing zone with cleaner or Wax Ab and Care Fleece.

The base of the cross-country skis should be checked regularly. In the event of minor damage, it is necessary to repair this. If more extensive damage has occurred should be repaired by a specialist sports dealer.

i You will need the following items for this application:

Repair-Strips (black)	Art. No. 24403
Stainless Steel Scraper	Art. No. 20635
Pad Set	Art. No. 24495

1 Thoroughly clean the ski base of wax residues.

2 Possible damage (scratches)...



Possible damage (scratches)...

3 ...carefully fill with Repair-Strips.



...carefully fill with Repair-Strips.

4 Remove excess material from the Repair-Strips with the Stainless Steel Scraper.



Remove excess material from the Repair-Strips with the Stainless Steel Scraper.

5 Use the green pad to smooth the repair area.



Use the green pad to smooth the repair area.



You can find detailed videos about the applications on our YouTube Channel.

The structure of the base (contact surface between the ski and the snow surface) influences the gliding properties of the ski.

During this gliding process, there are friction effects caused by the snow crystals and suction effects due to the water contained in the snow. Special base structures these effects can be reduced or eliminated.

These differ as follows:

- for cold snow – fine structure
- for fine-grained snow and artificial snow – medium structure
- for fine-grained, moist snow and wet snow – coarse structure

Structure examples



Fine

Medium

Coarse

The structures are usually applied by the ski manufacturer using modern stone grinding machines. Stone grinds are permanent structures in the ski base. This assignment can only be changed later by regrinding the skis. They are used to assign a ski to a specific area of application. Here we distinguish between three different types of structure in cross-country skis:

Linear structure

Cross structure

Cross structure

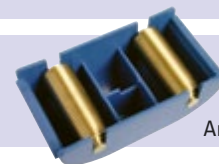


Stone grinds themselves change (age) through repeated waxing or use of the ski. Professionals combine different structures on the structures on the stone and on the base. With the help of the base structure devices from HOLMENKOL® “Cross Structure Tool nordic” and the “Cross Structure KIT nordic”, it is possible to improve the glide of machine-ground skis or skis without structure to improve their gliding properties.

HOLMENKOL® structure device create reversible textures. These are pressed into the ski base. As the skis wax, these structures disappear from the base again. In this way, structures, similar to ski wax, can be specifically selected and imprinted differently according to requirements.



Marble and wet snow types 0°C / -4°C



Art. No. 24485



The Cross Structure KIT Nordic (item no. 24621) contains 4 additional structures:

Dry, fine-grained old and artificial snow -2°C / -8°C

– V-Struktur 0,3 mm

Coarse-grained old and artificial snow -2°C / -8°C

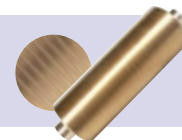
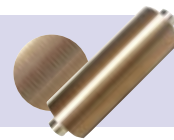
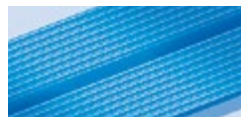
– V-Struktur 0,5 mm

Damp to wet snow -2°C / and warmer

– Linear Struktur 0,5 mm

Damp to wet snow (rain) -0°C / and warmer

– Linear Struktur 1,0 mm




TIP: To optimize the effect, the hand structure is only embossed into the ski base after waxing.

Structural adjustment with hand-held structural tools


In racing, the surface structures are often adapted to the conditions at short notice. The hand structure tools are used for this after the complete waxing process.

i You will need the following items for this application:

Nordic Racing Ski Vise	Art. No. 24640
Alternative: Nordic Ski Vise	Art. No. 24430
Cross Structure Tool Nordic	Art. No. 24485
Alternative: Cross Structure KIT Nordic	Art. No. 24621
Plastic Scraper	Art. No. 20630
Base Brush Bronze	Art. No. 24502
Base Brush Steel Micro Finish	Art. No. 24503
Care Fleece	Art. No. 24490


1  Ski fixed in a ski clamp (e.g. Art. No. 24640 Nordic Racing Ski Vise/ Art. No. 24430 Nordic Ski Vise).


2  Remove wax from the ski base with a sharp Plastic Scraper.


3  Brush out skis in the direction of travel with Base Brush Bronze

→ Structures should always be applied after waxing. Structures are reversible and disappear after repeated hot waxing.


Cross structure

4  Place the structure device (with the cross structure roller) with the stop against the edge of the ski, take it with both hands. With even pressure from the tip to the tail of the ski apply the structure.

5  To expose the microstructure of the ski, brush the base again with the Base Brush Steel Micro Finish 2–3 times in the direction of travel.

6  Remove the last Racing Wax residues with Care Fleece.

Changing the structure rollers

7  With the Cross Structure KIT, the tool can be extended by two linear and two V-structures (see p. 25).

8  Carefully remove the textured rollers from the appliance. (Please do not damage the rollers with a screwdriver or similar tool). Insert the white roller and insert the structure roller into the second holder.

→ **Tip:** With a V-structure or linear structure, place the structure device on the ski so that the white guide roller is at the front in the direction of travel. Do not move back and forth several times, as this changes the structural image and brings no advantage.



WORLD CUP FINISH WAX

POWDER

0 -- -4° C -4 -- -12° C -10 -- -20° C

LIQUID

0 -- -6° C -6 -- -12° C -12 -- -20° C

RACING WAX

HOTWAX

0 -- -4° C -4 -- -10° C -8 -- -15° C

LIQUID

0 -- -6° C -6 -- -12° C -12 -- -20° C

PERFORMANCE WAX

HOTWAX

0 -- -20° C

LIQUID

0 -- -20° C

BASE WAX

HOTWAX

0 -- -4° C -4 -- -14° C -8 -- -20° C

LIQUID

0 -- -4° C -4 -- -14° C -8 -- -20° C



EXPERT TIP



Alphamix YELLOW

24104 2 x 35 g

24101 150 g

Betamix RED

24114 2 x 35 g

24111 150 g

Ultramix BLUE

24124 2 x 35 g

24121 150 g



Alphamix YELLOW

0° ~ -4°C

wet to moist

115° ~ 125°

Betamix RED

-4° ~ -14°C

moist to dry

125° ~ 135°

Ultramix BLUE

-8° ~ -20°C

moist to dry

135° ~ 140°



Alphamix YELLOW Liquid

24032 250 ml

24036 100 ml



Betamix RED Liquid

24033 250 ml

24037 100 ml



Ultramix BLUE Liquid

24034 250 ml

24038 100 ml



Alphamix YELLOW Liquid

0° ~ -4°C

wet to moist

Betamix RED Liquid

-4° ~ -14°C

moist to dry

Ultramix BLUE Liquid

-8° ~ -20°C

moist to dry



Syntec FF21 Bar

27911 2 x 35 g

27908 150 g



Performance Liquid

25022 75 ml



Syntec FF21 Bar

0° ~ -20°C

fine/coarse/aggressive

140° ~ 150°

Performance Liquid

0° ~ -20°C

fine/coarse/aggressive



Sponge Applicator

27100 small (Ø 55x50 mm)

27110 big (Ø 90x50 mm)



Syntec FF Cleaner

27518 100 ml

27519 500 ml

FUR CARE



Skin Cleaner

24874 100 ml



Natural Nordic Skin Spray

25878 60 ml

100%
**PFC
FREE** ✓



Syntec FF Bar YLW

27104 2 x 35 g

27101 150 g



Syntec FF Bar RED

27114 2 x 35 g

27111 150 g



Syntec FF Bar BLU

27124 2 x 35 g

27121 150 g



Syntec FF Bar GRE

27131 150 g



Syntec FF Bar YLW 0° ~ -6°C fine/coarse/wet 115° - 125°

Syntec FF Bar RED -4° ~ -10°C fine/coarse/moist 115° - 125°

Syntec FF Bar BLU -8° ~ -15°C fine/coarse/aggressiv 120° - 130°

Syntec FF Bar GRE -15° ~ -30°C fine/aggressive 115° - 125°



Syntec FF2 Liquid YLW

27062 100 ml



Syntec FF2 Liquid RED

24063 100 ml



Syntec FF2 Liquid BLU

27064 100 ml



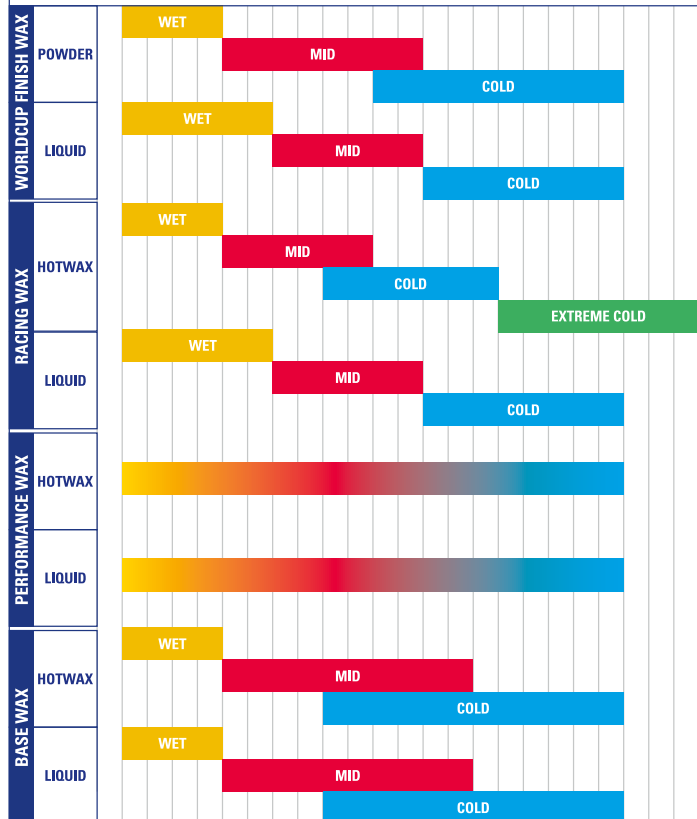
Syntec FF2 Liquid YLW 0° ~ -6°C fine/coarse/wet

Syntec FF2 Liquid RED -6° ~ -12°C fine/coarse/wet

Syntec FF2 Liquid BLU -12° ~ -20°C fine/coarse/aggressive

TEMPERATURE CHART

SNOW-TEMPERATURE 0° -2° -4° -6° -8° -10° -12° -14° -16° -18° -20° -30°C
32° 28° 25° 21° 18° 14° 10° 7° 3° 0° -4° -22°F





Syntec FF1 Powder YLW
27082 30 g

Syntec FF1 Powder RED
27083 30 g

Syntec FF1 Powder BLU
27084 30 g



Syntec FF1 Powder YLW	0° ~ -4°C	fine/coarse/wet	150° - 160°
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Syntec FF1 Powder RED	-4° ~ -12°C	fine/coarse/wet	150° - 160°
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Syntec FF1 Powder BLU	-10° ~ -20°C	fine/coarse/aggressive	150° - 160°
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Syntec FF1 Liquid YLW
27072 50 ml

Syntec FF1 Liquid RED
27073 50 ml

Syntec FF1 Liquid BLU
27073 50 ml



Syntec FF1 Liquid YLW	0° ~ -6°C	fine/coarse/wet
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Syntec FF1 Liquid RED	-6° ~ -12°C	fine/coarse/wet
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Syntec FF1 Liquid BLU	-12° ~ -20°C	fine/coarse/aggressive
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Grip Yellow

24210 45 g

Grip Red

24211 45 g

Grip Violet

24213 45 g

Grip Violet Spezial

24212 45 g

Grip Blue Extra

24217 45 g

Grip Blue Spezial

24216 45 g

Grip Blue

24218 45 g

Grip Green

24219 45 g

Grip Base

24224 45 g



Klister Blue

24237 60 ml

Klister Violet

24236 60 ml

Klister Red

24234 60 ml

Klister Red Spezial

24233 60 ml

Klister Universal

24232 60 ml

Klister Silver

24231 60 ml

Klister Silver Spezial

24238 60 ml

Klister Black Spezial

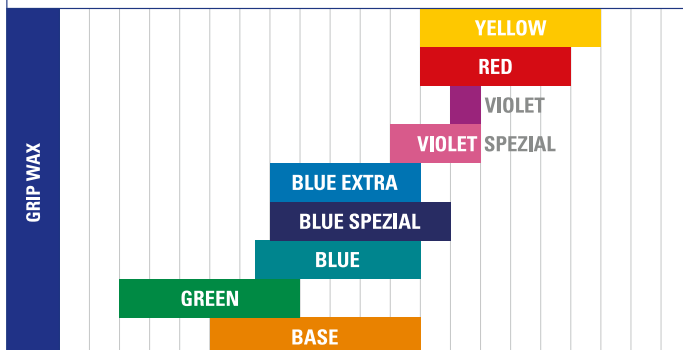
24230 60 ml

Klister Gold

24235 60 ml

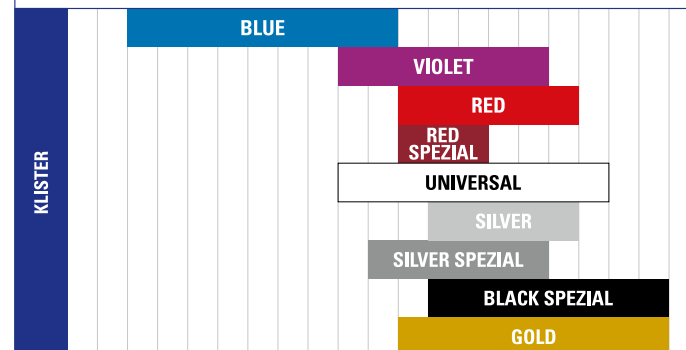
CLASSIC WAX CHART

TEMPERATURE	-25°	-20°	-15°	-12°	-10°	-8°	-6°	-5°	-4°	-3°	-2°	-1°	0°	1°	2°	3°	4°	5°	10°	C
	-13°	-4°	5°	10°	14°	18°	21°	23°	25°	27°	28°	30°	32°	34°	36°	37°	39°	41°	50°	F



CLASSIC WAX CHART

TEMPERATURE	-25°	-20°	-15°	-12°	-10°	-8°	-6°	-5°	-4°	-3°	-2°	-1°	0°	1°	2°	3°	4°	5°	10°	C
	-13°	-4°	5°	10°	14°	18°	21°	23°	25°	27°	28°	30°	32°	34°	36°	37°	39°	41°	50°	F



You can find detailed videos about the applications on our YouTube Channel.



You can find detailed videos about the applications on our YouTube Channel.



Syntec FF Cleaner

27519 500 ml
27518 100 ml



**Cleaner
Wax Remover**

20421 500 ml
20422 1000 ml
20423 3000 ml



Care Fleece

24490 27 m x 20 cm
24491 102 m x 20 cm
24492 20 pieces



Pad Set

24495



**No Wax Antilce &
Glider Spray**

24031 200 ml



Synthetic Cork

20646



Finish Cork

20645



Repair-Strips

24402 5 pieces
(transparent)
24403 5 pieces
(black)



Digital Racing Waxer Thick Plate

24582 230 V 26 mm base plate
24583 110 V 26 mm base plate



Electronic Racing Waxer

24420 230 V 15 mm base plate
24421 110 V 15 mm base plate



Classic Waxer

20602 230 V 12 mm base plate



**Groove Scraper for cross-country
and jump skis**

20638



Plastic Scraper & Plastic Scraper Nordic

20630 130 x 60 x 3 mm
20650 Nordic



Plastic Scraper Sharpener Racing

24622



Cross Structure KIT nordic

24621



Cross Structure Tool nordic

24485

EXPERT
TIP

EXPERT
TIP

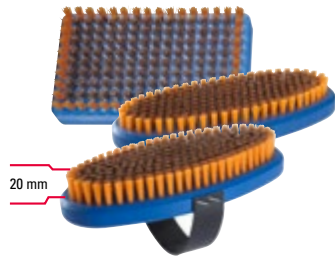
EXPERT TIP



Base Brush / Oval Brush Steel

24524 25 mm Base

24522 25 mm Oval



Base Brush / Oval Brush Bronze / Oval Brush Bronze long wire

24502 12 mm Base

24520 12 mm Oval

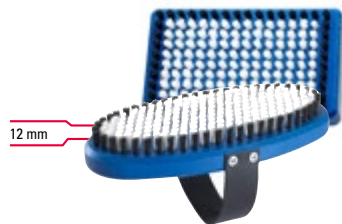
24534 20 mm Oval long wire



Base Brush / Oval Brush Horsehair

24513 8 mm Base

24533 10 mm Oval

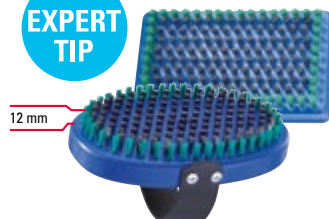


Base Brush / Oval Brush Nylon

24510 8 mm Base

24530 12 mm Oval

EXPERT TIP



Base Brush / Oval Brush Steel Micro Finish

24503 12 mm Base

24523 12 mm Oval



Speed Brush Bronze

20674 120 mm



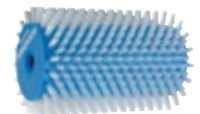
Speed Brush Fibre

20670 120 mm



Speed Brush Horsehair

20672 120 mm



Speed Brush Nylon

20671 120 mm

EXPERT TIP



Speed Brush Wool

20675 120 mm

EXPERT TIP



Speed Brush Fleece

20688 120 mm



Speed Stick Pro II

20685



Pro II Adapter

20687 Axis 240 mm (no handle)

20684 Handle



Speed Shield Pro II (working protection)

20686 120 mm



Speed Stick Combi

20689 120 mm



HOLMENKOL recommends wearing a protective mask when using rotor brushes.

ACCESSORIES / MERCHANDISE



Waxing Table Alpin/Nordic 2.0
20725



Waxing Table Universal
20728



Table Set nordic
24437



Waxing Profile nordic
24444



Nordic Racing Ski Vise
24640



Nordic Ski Vise
24430



LED Bottle Bag 1L
20959 (blue)
20960 (pink)



Ski Clip Nordic
20811 1 piece



Ski Clip Nordic Racing
20812 1 piece