VAUHTI RACING GLIDE WAXES AND HOW TO APPLY THOSE



Give us your feedback.
Click the QR code and
share your test results with
us by filling the test form.

All the positives and negatives
help us improve our products and
discover the best ways to use them.

CLEAN & GLIDE – cleaning and maintenance agent for glide zone



CLEAN & GLIDE cleans effectively the glide zones from dirt and maintains base by creating a hard and dirt-resistant coating.

Always start a new waxing by cleaning the ski base with CLEAN & GLIDE. It improves the performance of the glide waxes on top of it since ski waxes absorbs only to clean ski base.









VAUHTI
RESPONSIBLE FOR SPEED

HOW TO USE CLEAN & GLIDE

1. Shake the bottle well.
2. Apply on glide zone.
3. Wipe to clean with Vauhti polishing cloth.
4. Brush with a nylon brush after 1-2 minutes

Repeat until the cloth remains clean after wiping.

TIPS:

- You may wrap the cloth over the brush and rub with this the wet base to make cleaning more effective.

BASE PREPARATION OF NEW & STONE GRINDED SKIS

1. **Clean the ski with BASE CLEANER**
2. **Start base waxing with soft paraffin SW WARM & ALPINE BASE LIQUID**
3. **Continue with harder paraffin UP UNIVERSAL & BASE LIQUID**
4. **Work with UP GRAPHITE in between**

Use liquid waxes in between the solid waxes to avoid excess heating and to dissolve waxes deeper into the base material.



TRAINING, SKI TESTS, BASE PROTECTION - UP UNIVERSAL

UP glide waxes are intended specifically for active skiers and competitive skiers for training rounds. High-quality hydrocarbon ingredients, zinc stearate and silicon wax gives excellence performance and good durability to the products in all snow types and weather conditions.

UP UNIVERSAL

For wide temperature range and variable conditions, +5/-10°C.

For training rounds and base protection.





BASE WAXING - RACE LDR & UP POLAR & UP GRAPHITE

Especially in long distances, but also on extreme snow conditions base waxing has a big role in race performance. When the durability of waxing matters RACE LDR, UP POLAR, and UP GRAPHITE is your choice.

The formulas have been specially developed as the best possible link between the ski base and the race glide applied on top of base waxes. Those improve the durability and help race waxes to maintain maximum speed longer.

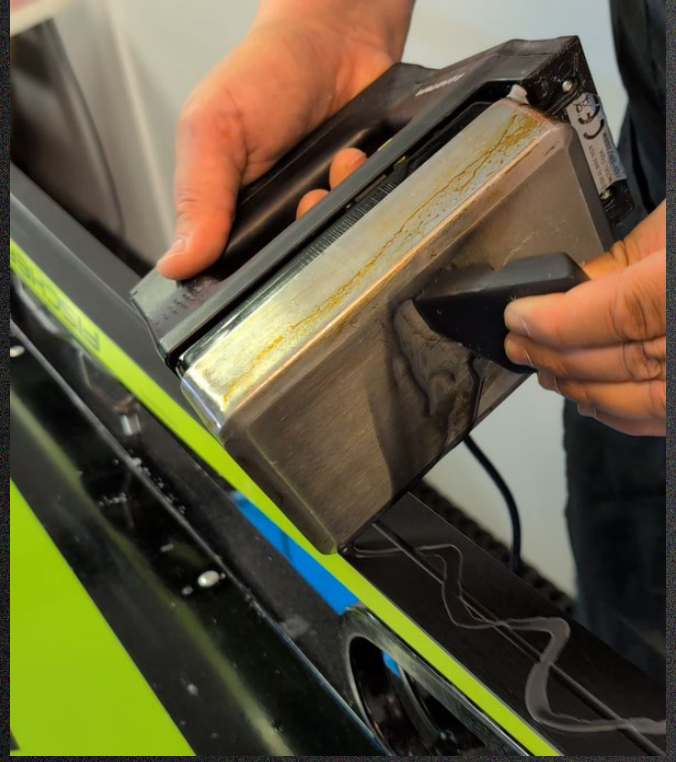
















VAUHTI
RESPONSIBLE FOR SPEED

HOW TO USE OUR GLIDE WAXES

1. Melt the wax with waxing iron with 150 – 200 °C. Move the iron against the ski base so that the wax melts perfectly and spreads over the entire ski base.
2. Scrape gently when the wax is still warm.
3. Let it cool down. Scrape and brush thoroughly, using first brass brush then horsehair and finally nylon brush.

RACE LIQUID GLIDE WAXES

Race liquid glide waxes are processed in two steps. First solid raw materials are homogenized and then processed in organic solvents to give high-performance liquids in racing skiing.

High-quality hydrocarbon ingredients, zinc stearate and silicon wax gives excellent performance and good durability to the products in all weather and snow conditions.



For wet old snow.



At its best in zero conditions.



Suitable for a wide range of snow conditions. At its best in dirty artificial snow.



At its best in dry artificial snow, but also for falling snow when its -5 °C degrees or colder.



For new snow and cold conditions.

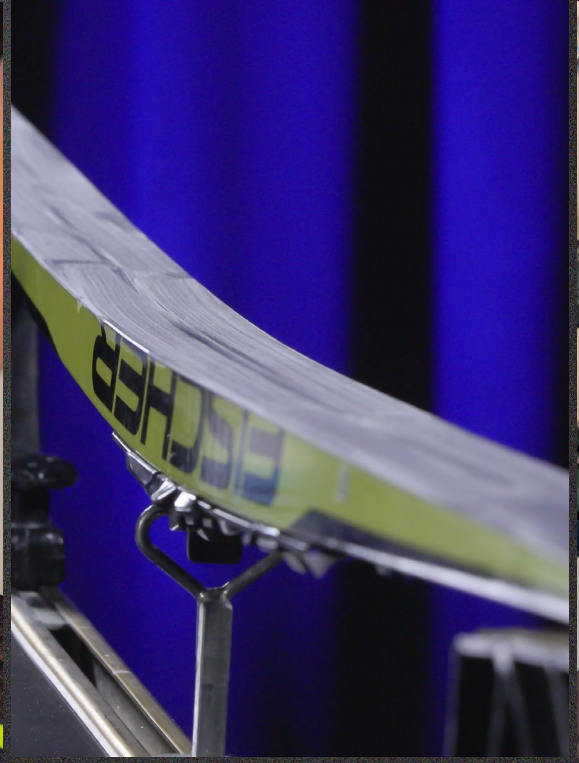


Improves durability of other RACE liquids.

Can also be used alone in various snow conditions.









VAUHTI
RESPONSIBLE FOR SPEED

HOW TO USE OUR LIQUID WAXES

1. Press the sponge against the ski base lightly, which makes bottle valve open.
2. Apply **a thick layer** by rubbing it back and forth on the gliding surface.
3. **Allow to dry completely.**
4. Brush thoroughly, using first brass brush then horsehair and finally nylon brush.

RACE POWDER GLIDE WAXES

RACE glide waxes are processed with powder from raw materials and used as high-performance coating powder in racing skiing. High-quality hydrocarbon ingredients, zinc stearate and silicon wax give excellent performance and good durability to the products in all snow and weather conditions.



For wet old snow.



At its best in zero conditions.



Suitable for a wide range of snow conditions. At its best in dirty artificial snow.



At its best in dry artificial snow, but also for falling snow when its -5 °C degrees or colder.



For new snow and cold conditions.



Improves durability of other RACE powders.

Can also be used alone in various snow conditions.



Improves durability of other RACE powders.

Can also be used alone in old snow conditions.



Old, coarse and icy snow.



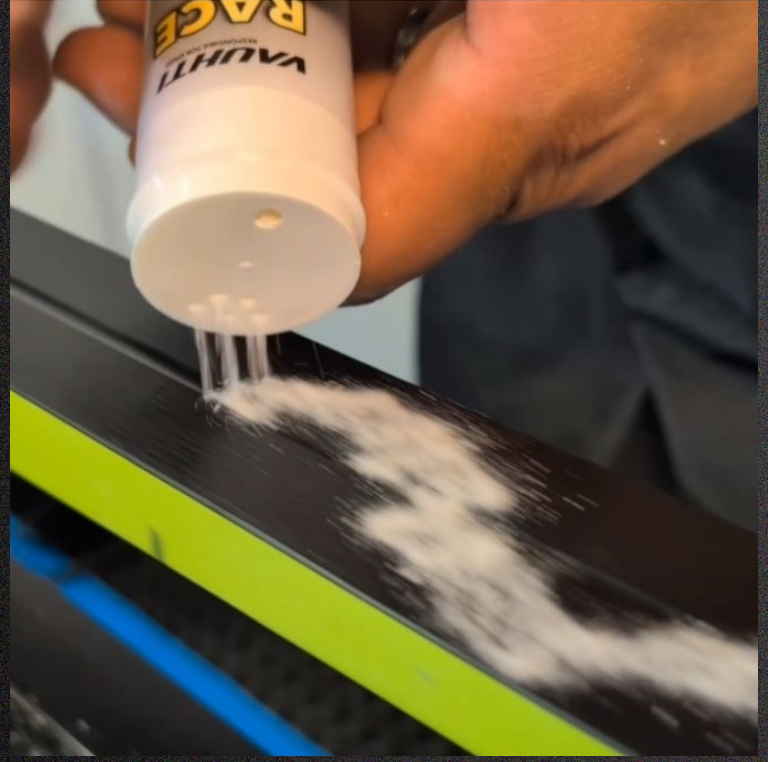
For dry and fine snow.

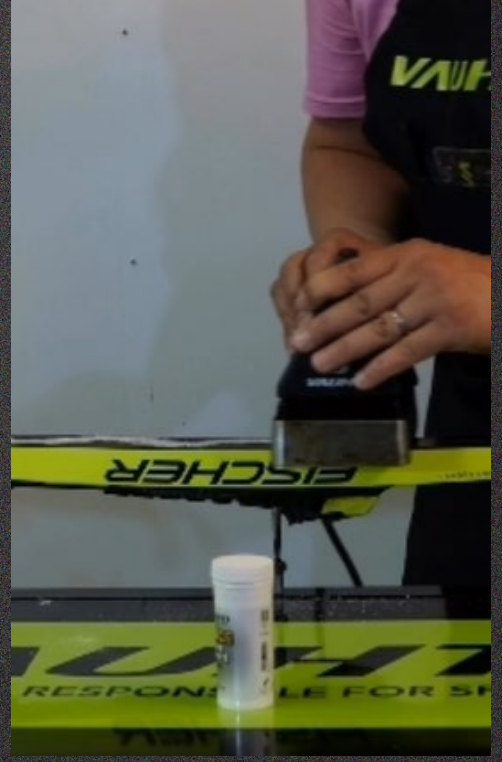














VAUHTI RESPONSIBLE FOR SPEED

HOW TO USE OUR POWDERS

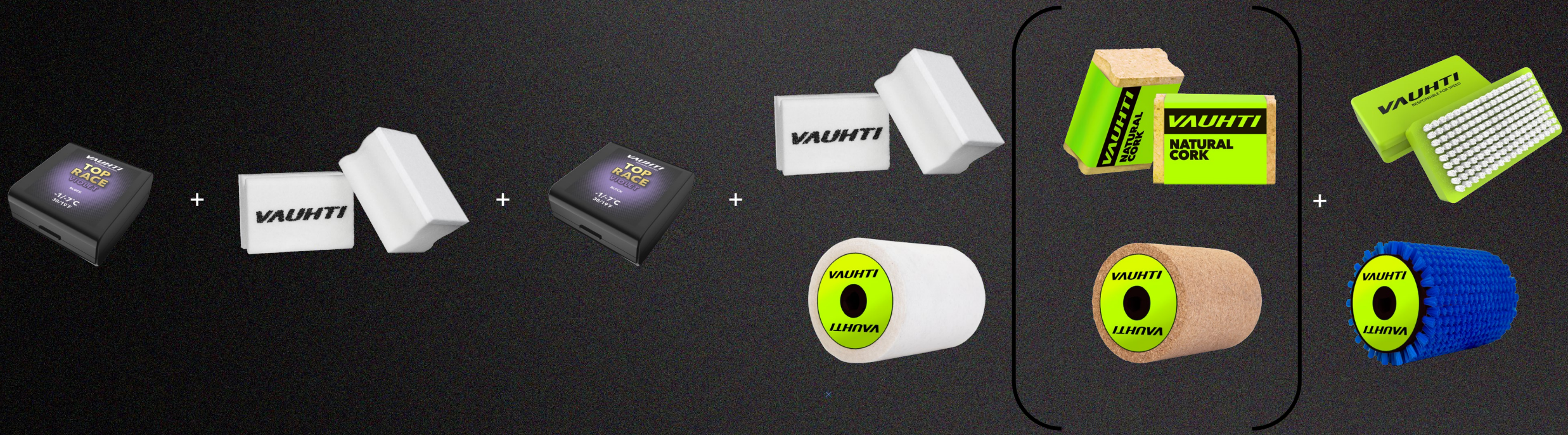
1. Apply the powder over the entire ski base.
2. Iron the powder with waxing iron by using 150 – 200 °C. Move the iron against the ski base so that the powder melts perfectly.
3. Scrape gently when the wax is still warm.
4. Let it cool down. Scrape and brush thoroughly, using first brass brush then horsehair and finally nylon brush.

TOP RACE BLOCKS

TOP RACE BLOCK is processed in two steps. First powder form raw materials are homogenized and then compressed in block form to give high performance coatings for racing skiing. High-quality hydrocarbon ingredients, zinc stearate and silicon wax give excellent performance to the products in all weather conditions.



HOW TO USE TOP RACE BLOCK



Rub the block on the base

Rub with synthetic cork with felt

Rub the block on the base

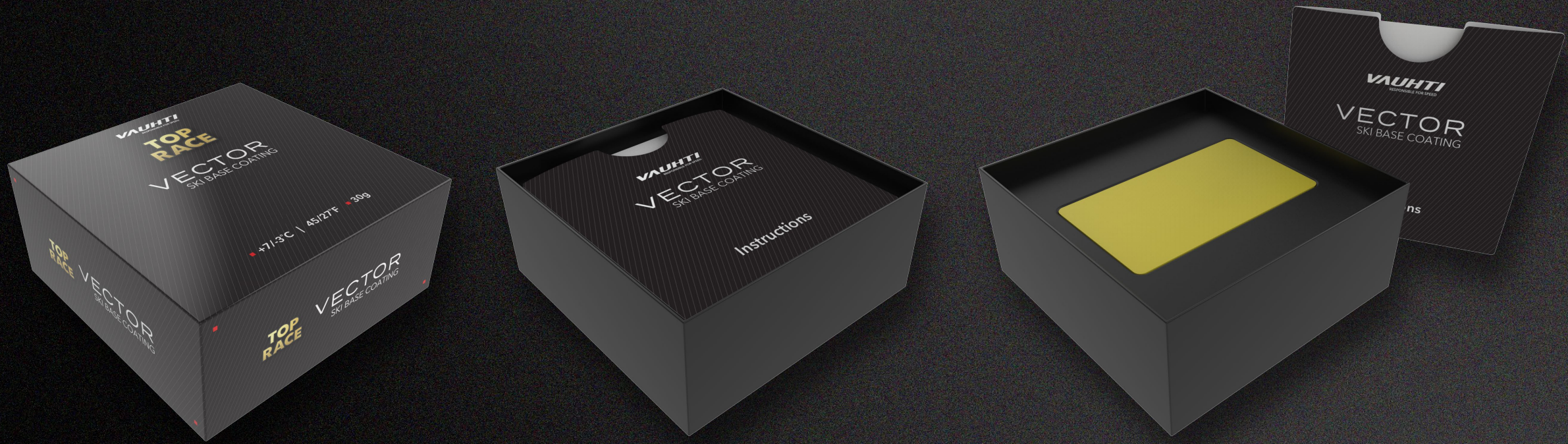
Optional application technique with merino roto wool.

VAUHTI VECTOR COATING AND HOW TO APPLY IT

When the maximum speed is not the only factor, and you want to maximize velocity from start to finish, VECTOR is the solution.

TOP RACE VECTOR has been specially engineered as the best possible coating for tricky wet snow conditions.

Unique raw material for TOP RACE VECTOR has been produced in collaboration with Vauhti's dedicated R&D partner. Its performance has been further tested and validated by the VTT Technical Research Centre of Finland and the University of Eastern Finland.

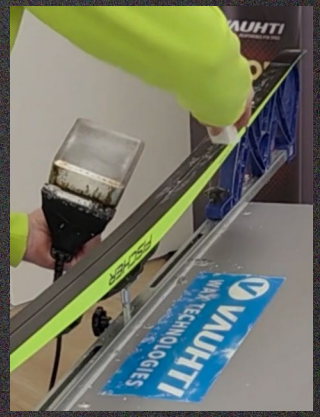


TOP RACE VECTOR COATING IN WET SNOW CONDITIONS

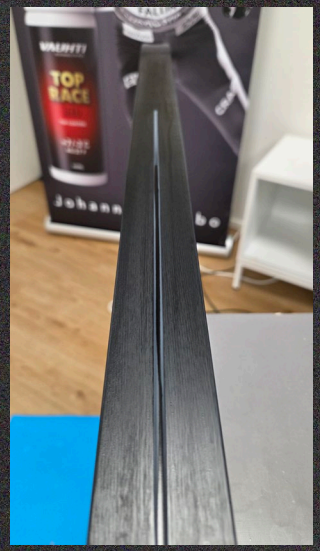
1. Vector should be applied in a thin layer. For application just rub the block the base of your skis. Dab the block against a wax iron for easier rubbing.
2. Melt the coating into the base 10 - 15 seconds per ski, making sure it covers the entire surface. Wax iron temperature should be ~160 °C.
3. Let the coating and base cool down completely before scraping and brushing. If you are waxing in a warm room, cool skis outside briefly.
4. Scrapping is done as usual, and brushing also follows the standard sequence: first with a brass or fine steel hand brush, then a horsehair brush and finally a nylon brush.
5. Avoid excess pressure and force. Brushing should be done gently, making sure you remove all excess coating that has not been absorbed into the base.
6. After thorough brushing, the base should feel smooth and slippery under a polishing cloth. If it feels sticky, let the ski cool down some more and continue brushing.

Video tutorial in the link below:

https://www.youtube.com/watch?v=znndZrL4UDU









TOP RACE VECTOR IN COLD SNOW CONDITIONS

Vector also works well in colder conditions when mixed with Race powders. Vector helps enhance the powder's glide properties. Apply Vector and the correct RACE powder according to the weather.

Use **RACE VIOLET** in dirty, damp artificial or mixed snow

Use **RACE BLUE** for cold artificial or mixed snow

Use **RACE LDR WHITE** in variable snow and weather conditions



1. Rub a thin layer of Vector on the ski base (you can touch the block to a hot waxing iron for a second to soften it for easier rubbing). Do not melt yet.
2. Spread an even layer of **RACE VIOLET**, **RACE BLUE** or **RACE LDR WHITE** powder.
3. Set the iron temperature to around 180 °C. Use the iron to melt Vector and the powder into the base at the same time.
4. When the wax has cooled, scrape and brush thoroughly. Use a brass brush first, a horsehair brush and finally a nylon brush.

TOP RACE VECTOR LIQUID

Unleash the full potential of your skis with Vauhti TOP RACE Vector spray, Vauhti's newest high-end top coating solution for competitive skiing. Developed for the most demanding racing conditions, when every millisecond counts, Vector actively reduces friction and maximizes glide across all snow conditions.

Applied on top of race wax layers, Vector uses advanced material technology to improve water and dirt repellency while optimizing the interaction between the ski base and the snow. The result is a responsive, fast, and highly competitive ski.

TOP RACE Vector is designed for racers, service technicians, and demanding enthusiasts who do not settle for anything less than the best. It is the final, decisive finishing touch when the goal is maximum performance from start to finish.

Application:

1. Shake well before use.
2. Spray TOP RACE VECTOR coating on the entire glide surface
3. Spread with rot fleece or synthetic cork with fleece
4. Let it dry and you are ready.





TOP RACE RED LIQUID

TOP RACE RED liquid is a coating product for all snow disciplines.

Especially for wet and humid snow conditions.

Prepare the ski base with RACE line glide waxes
chosen according to snow conditions.

Application:

1. Shake well before use.
2. Spray TOP RACE RED coating on the entire glide surface
3. Spread with synthetic cork with fleece
4. Let it dry and you are ready.





CORNERSTONES FOR DIFFERENT SNOW AND WEATHER CONDITIONS WITH LIQUIDS

TEST FORM

NEW AND FINE-GRAINED SNOW

OLD AND COARSE SNOW

WARM / WET

ZERO / HUMID

COLD / DRY











CORNERSTONES FOR DIFFERENT SNOW AND WEATHER CONDITIONS

TEST FORM

NEW AND FINE-GRAINED SNOW

ZERO / HUMID



COLD / DRY



Top Race Vector block can be mixed with powders especially on colder conditions.

The temperature of the waxing iron has an effect, especially on skiing sensitivity.

Tests have shown that the iron temperature can be higher, especially in mild and wet conditions.

CORNERSTONES FOR DIFFERENT SNOW AND WEATHER CONDITIONS

TEST FORM

OLD AND COARSE SNOW

WARM / WET













ZERO / HUMID

















COLD / DRY





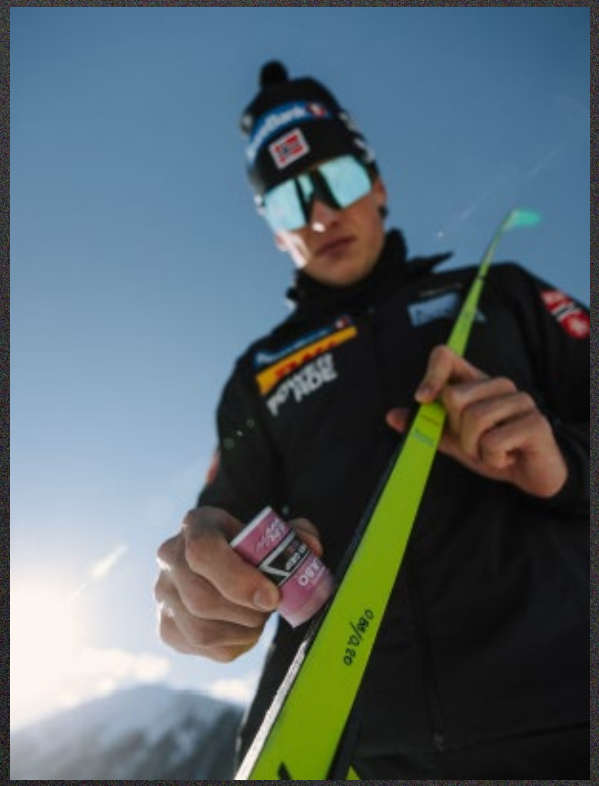








VAUHTI RACING GRIP WAXES AND HOW TO APPLY THOSE



GRIP BASE WAXES

With liquid base grip waxes you get thin and even layer easily with sponge and the waxes are very durable. Apply and let it dry perfectly.





KS BASE

for all klisters (and grip waxes, in coarse conditions). Base wax ensuring proper adherence and maximum durability of top wax layers.



BASE AT

A base wax also suitable for fresh snow conditions. Good durability, excellent glide properties. Can also be applied cold, without ironing.





Excellent durability. Use the Base Wax Super on coarse and abrasive snow, as well as on artificial snow or wet fresh snow at temperatures around 0°C.

RACE OLD SNOW GRIP WAXES



RACE RED +3...-1°C

for wet & coarse snow, suitable for coating klisters.



RACE SILVER +1...-4°C

A grip wax containing aluminum and usable in wide range of weather conditions. Due to its viscosity, it can be used as a base wax for RACE RED grip and mixed together with RACE BLUE klister in rough snow.



RACE LDR 0...-10°C

Universal wax for coarse old and artificial snow, suitable for coating klisters. Good grip properties, but also very fast grip.



RACE BLUE -5...-20°C

for dry old & artificial snow, hard content makes it very fast but without losing the grip.

RACE NEW SNOW GRIP WAXES



RACE WHITE +3...-3°C

for wet & damp fine grained snow. Good also in mixed snow conditions when there is a risk of icing.



RACE PINK -1...-5°C

for dry & fine grained falling snow, suitable for coating LDR klister when there is a risk of icing.
NEW FORMULA TO 2025/2026.



RACE VIOLET -2...-7°C

for shiny tracks with fine grained snow.



RACE GREEN -5...-20°C

for cold natural snow conditions.

RACE KLISTERS



RACE RED +10...+1°C for very wet snow conditions, use as a top layer or mixed with LDR klister. Works also on mixed snow when there is a risk of icing. **NEW FORMULA TO 2026/2027.**



RACE LDR +5...-10 °C universal klister for all snow types from wet to icy tracks. Use as a top layer or can be mixed with other klisters. Durable and good gliding properties. Best option when there is a risk of icing or new snow.



RACE VIOLET +2...-6°C use as a middle layer for other klisters. Very hard and durable klister, good gliding properties. On its own suitable for old snow when tracks are hard and shiny.



RACE BLUE -1...-15°C for very hard and icy snow conditions up to -15 C, especially for refrozen old and artificial snow. Can be used as a base klister for other grip waxes and klisters.

GRIP WAX CORNERSTONES FOR DIFFERENT SNOW AND WEATHER CONDITIONS

TEST FORM

NEW AND FINE-GRAINED SNOW

OLD AND COARSE SNOW

WARM / WET





ZERO / HUMID





GRIP WAX CORNERSTONES FOR DIFFERENT SNOW AND WEATHER CONDITIONS

TEST FORM

NEW AND FINE-GRAINED SNOW

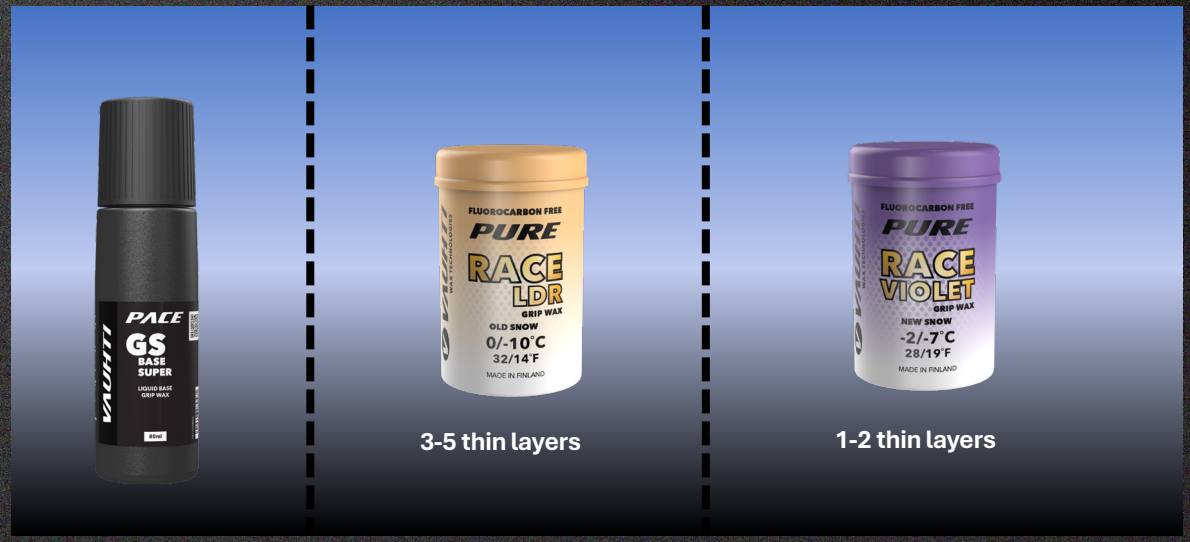
OLD AND COARSE SNOW

COLD / HUMID



1-2 thin layers

3-5 thin layers



3-5 thin layers

1-2 thin layers

COLD / DRY



1-2 thin layers

3-5 thin layers



1-2 thin layers

2-4 thin layers

VAUHTI RACING WAXES PROVEN BY SIX TIMES



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All the positives and negatives
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