

# ZIPPS recommends: How to make skis fluorine free



## Preparation

Remove dirt and wax residues with old brushes

## Cleaning 1

1. Fluorine waxes can only be removed with **fluorine cleaner**. Therefore:

a. Apply fluorinated cleaner (**ZIPPS C 3 F**) to a paper towel or cloth, rub over the base!. As long as the base is still moistened with cleaner, run an old hard brush\* vigorously back and forth, wipe off.

\* Participants in **FIS or IBU races** are recommended to use a used and therefore dull fine steel brush. This is the most effective and safest way to get „clean“ skis. A steel brush can also be cleaned with cleaner and compressed air.

b. Now start a second round with the **fluorinated cleaner**, placing a paper towel under the hard brush (nylon hard or fine steel) and wiping over the base in sections. Use a fresh piece of the paper towel for a new section.

**Cleaning 2 - from now on use only new brushes** or brushes that have never been in contact with fluorine waxes!

2. Use **unfluorinated cleaner (ZIPPS C31)**, no brush, wipe off with a cloth while still wet.

## Waxing out

Hot waxing is recommended to be on the safe side: After the cleaner has dried, melt an **unfluorinated hot wax** (recommended: **ZIPPS ZFW31**), scrape and brush out thoroughly as usual to clean the structure.

## New build up

Now the build-up of the desired fluorine-free wax coatings can be applied.

## ! TIPS from ZIPPS !

- **Mark your old brushes!**
- Recommended **ZIPPS brushes**:
  - hard** (nylon hard; blue bristles)
  - medium** (natural hair)
  - soft** (nylon soft; white bristles)
  - fine steel/nylon** (available from week 47 in our web store)