

# GENERAL

## CONDITIONS OF USE FOR A RIM

### CONDITIONS OF USE TO BE GIVEN TO YOUR CUSTOMERS

Mavic uses the most advanced technology in the design of its rims and wheels. However, a rim cannot last forever and wears down according to its use: type of riding, terrain, brake pad, spoke tension, tires, tyre pressure, weather conditions, etc.

**Each rim has been designed for a specific use and discipline (Road, Cross-country, Freeride, Downhill, Touring...). Any other use of a rim for which it has not been designed is highly inadvisable, the sole responsibility of the user and voids the Mavic warranty.**

Please advise your customers of the following points:

- Choose a suitable rim designed for the type of riding you wish to do: do not use a road rim on an MTB, do not use Cross-country rims to build wheels for a bike to be used for freeride, downhill...;
- You must follow the instructions in this technical manual for tyre pressure and sizes (see following charts);
- Respect the appropriate spoke tensions; Mavic recommends spoke tensions between 70 and 90 kg (for a front or rear wheel on the free wheel side with a crossed 3 pattern). Inappropriate spoke tension can generate too much stress and damage the rim;
- Clean the rims regularly using the Mavic soft stone (M40410);
- Remove stones and metal particles from the brake pads;
- Replace the brake pads when they are worn;
- Do not use a rim if the braking surfaces are worn, if eyelets are missing, or in any other case where safety might be compromised. The rim is a part that wears out as do brake pads, and must be replaced if it is worn (sidewall hollowed by wear, or cut out, cracked rim...);
- For rims fitted with a wear indicator (internal or external) do not continue to use the rim if the indicator appears (internal wear indicator) or disappears (external wear indicator) on at least one of the 2 braking surfaces;
- For rims not fitted with a wear indicator, use a depth gauge to check that the maximum wear on each side is not more than 0.4 mm;
- Check or have your rims checked regularly, at least at the start of each season and if possible after intensive use or if you have a doubt about spoke tension or the type of tyre used. When checking, look inside (especially under the rim tape) and outside the rim. Check for signs of fatigue or wear: damage to braking surfaces, appearance or disappearance of the wear indicator (only on rims fitted with a wear indicator), cracks in the sidewalls or around the eyelets...;
- The total weight of the rider and his/her equipment (not including the bike) must not exceed the following values:
  - Road rims: 100 kg;
  - All Road rims: 105 kg for A 119, A 319 and A 317 Disc rims,  
125 kg for the A 719 rim;
  - MTB rims: 90 kg for XM 117, XM 119 Disc, XM 317, XM 319 Disc, XM 517, XC 717, XC 717 Disc, TN 119 Disc, TN 319 Disc rims;  
115 kg for XM 719, XM 719 Disc, TN 719 Disc, XM 819, XM 819 Disc, EN 521 Disc, EN 321 Disc, EN 821 Disc, EX 325 Disc, EX 721,  
EX 729 Disc and EX 823 Disc rims.

Following these recommendations will guarantee longer product life for the rims, maximum performance and riding enjoyment.