

## CARBON WHEELS

As carbon wheels (a) are made of carbon fibre reinforced plastic, they stand out due to particular aerodynamic properties and low weight.

If you want to mount carbon wheels, ask your SENSA dealer for advice.



**Make sure the maximum total weight for rider, luggage (rucksack) and SENSA road bike does not exceed 100 kg. Carbon wheels are generally not approved for trailer towing. Also observe the manuals of the wheel manufacturers.**



**Check the condition of the brakes and make sure to use brake pads suitable for carbon rims!**



**Observe possible weight limits for carbon wheels. For more information see the manuals of the wheel manufacturers.**



**The wheels are designed for road racing and triathlon events only. The wheels are typically not suitable for riding on unpaved roads, in the terrain and for jumps etc. and not for towing a trailer or riding with heavy luggage.**



## What to keep in mind for braking with carbon wheels (with rim brakes)

As the braking surfaces are made of carbon (b), there are some things to keep in mind. Make sure to only use brake pads that are suitable for carbon wheels from wheel manufacturers, as they are designed to suit such type of rims.

Carbon brake pads usually wear down faster than conventional brake pads. Keep in mind that the braking response of the rims needs getting used to, in particular in wet conditions. Therefore, test your brakes in a place free of traffic until you have full control of your SENSA bicycle.

The brake surfaces of the carbon rims are sensitive to heat. Therefore, when you are riding in the mountains, avoid any drag braking. Riding downhill e.g. with a permanently activated rear wheel brake may heat up the material and result in a deformation.

The rim may sustain damage and the inner tube burst, thus causing an accident. Always use both brakes simultaneously and release them intermittently to allow the material to cool down. If you are in doubt, stop and let the brake system cool down.



**Check the condition of the brake pads at short intervals, as they might wear down faster than with aluminium rims.**



**Keep in mind that the brake performance in wet conditions is less effective and/or that braking may be abrupt. If possible, avoid riding when it is about to rain or in wet conditions. If you will ride nevertheless on a wet or moist road, anticipate the situations and ride more slowly than in dry conditions.**