

Alcoa Dura-Flange® wheels

Additional protection for an even longer service life

Alcoa Dura-Flange® wheels have a proprietary treatment that provides a protective shield to prevent rim flange wear.

Alcoa Dura-Flange® wheels are the only wheels on the market that are protected from this type of wear, giving them at least double the life time of other aluminium wheels under the same conditions.

Road test results: we put Dura-Flange® wheels to the test and found that after 240.000 km, there were no signs of rim flange wear.

This treatment makes Dura-Flange® wheels most appropriate for transport where loads are heavy and prone to shifting, causing the tire bead to rub against the wheel flange.

- transport under extreme conditions, e.g. mining
- heavy hauling, e.g. logging
- tankers operating off road (e.g. local milk collection, fuel distribution)
- transit bus

For testimonials from fleets using these wheels, go to the Newsletters on www.alcoa.com/alcoawheels/europe/en/news/asp.

By improving wheel durability and wear resistance, Alcoa Dura-Flange® wheels offer enhanced performance and productivity and delay replacement costs for many more miles.

Dura-Flange® wheels are available in the most common sizes. For part numbers, consult the Alcoa Specification Sheet.



Dura-Flange® wheels advantages

In addition to protection against rim flange wear, Dura-Flange® wheels offer you all the advantages of Alcoa forged aluminium wheels:

Lighter

- up to 47 % saving per wheel, depending on the wheel size
- between 228 and 394 kg weight saving per truck/trailer combination
- increased payload
- driver comfort

More environmentally friendly

- aluminium is 100% recyclable
- reduced CO₂ emissions thanks to lower weight and fuel economy

Stronger

- unrivalled forged strength
- 4 times stronger than steel
- corrosion resistant
- 5 year limited warranty

More profitable

- reduced fuel consumption
- better heat dissipation
- less tyre wear
- increased life time of brakes
- increased life duration of suspension
- no need for repainting or wheel covers
- longer service life (up to 20 years)

Better looking

Alcoa aluminium wheels greatly improve the look of your vehicles.

Due to the Dura-Flange® treatment process, the wheels may experience some slight discoloration on the tyre side of the rim. No special maintenance is required for Dura-Flange® wheels.

Dura-Flange® Rim Wear Protected

Look for this sticker on the wheel and a "DF" suffix on the part number. These guarantee that the wheel has been Dura-Flange® treated.

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