

# Alcoa Dura-Bright® wheels

Great Looks - Easy Maintenance



# Alcoa Dura-Bright® wheels with XBR® technology

## *The durable surface treatment that cleans with soap and water*

Now your wheels can look their best with less effort than with any other steel or aluminium wheel. So you save money and time – and still hit the road with good-looking wheels on your trucks, trailers and buses.



Dura-Bright® is not a coating, but a surface treatment that penetrates the aluminum and becomes an integral part of the wheel. It will not chip, crack, peel or corrode, like conventional coatings do. These wheels do not need polishing. Regular washing with soap and water will keep them shiny, even after hundreds of washes and thousands of miles.

The Dura-Bright® treatment is available on most Alcoa wheel sizes. For further details, please consult the Alcoa Wheels Specification sheet on [www.alcoawheels.com](http://www.alcoawheels.com).

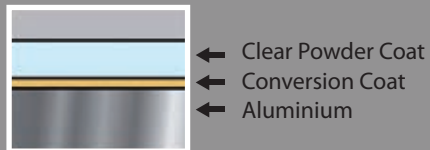
Dura-Bright® wheels are easily recognizable by their black Alcoa Dura-Bright® sticker.

Along with faster, easier maintenance, you get all the advantages you've come to expect from Alcoa forged aluminum wheels, including:

- less weight for increased payload
- unrivalled forged strength
- 5 year warranty
- greater fuel efficiency
- extended tyre and brake life through improved heat dissipation
- environmentally friendly

# The technology

## Conventional Coating



## Alcoa patented treatment



On ordinary aluminium wheels, a coating is typically a layer of baked powder that sits on top of the wheel surface. When scratched, water and salt will penetrate the coating, resulting in corrosion and further deterioration.

With Alcoa Dura-Bright® wheels, the patented treatment actually penetrates the aluminium, forming a protective shield that becomes an integral part of the wheel. It prevents cracking, peeling and filiform corrosion often seen on coated wheels.



# Maintenance

To maintain your Alcoa Dura-Bright® wheels, the following steps are recommended:

- Spray the wheels with a high pressure tool to remove dust and dirt. Never spray cold water on hot wheels. Always allow time to cool before cleaning.
- Use a soft brush (ALbrush) to wash the wheel surface with warm water and a mild detergent. Any cleaning products, including mild acid washes, that can safely be used on a vehicle's painted surface, can be used on Dura-Bright® wheels.
- Rinse thoroughly with clean water.
- Wipe dry with a soft and clean cloth to avoid water spots.

Clean your Alcoa Dura-Bright® wheels weekly to avoid encrusting of disc brake dust. Encrusted disc brake dust may be removed with Alcoa ALclean. For further details, consult the Dura-Bright® page on [www.alcoawheels.com](http://www.alcoawheels.com).

Do not use abrasives, abrasive compounds or cleaners, abrasive brushes, steel wool, scouring pads or strong chemicals (such as strong acids or strong alkaline products) for cleaning Dura-Bright® treated wheels. The surface of Alcoa Dura-Bright® treated wheels will be damaged, discolored or removed if such products are used.



# Warranty

Dura-Bright® surface treated wheels are warranted against:

- Filiform corrosion (worm or hair like lines, generally milky in appearance, underneath surface protective treatment and emanating from damage to the surface treatment such as scratches or damage from mounting hardware or balancing weights)
- Blistering due to loss of adhesion of the surface treatment
- Lift off of the surface treatment due to physical damage

During their service life, Dura-Bright® wheels can become scratched or damaged by road debris and/or mechanical damage. If scratches or other damages occur to the Dura-Bright® treatment that expose the aluminium underneath, the exposed metal may naturally oxidize, but any corrosion will be limited to the exposed metal and will not extend into or underneath the Dura-Bright® treatment. Continue to follow the normal washing and cleaning instructions.

The mounting area can become scratched or discolored when mounted against another wheel, hub or drum. Similar scratches can be caused by contact with wheel nuts, nut covers and hub covers.

If corrosion occurs within the warranty period, subject to the limitations stated above, Alcoa will replace any wheel exhibiting such corrosion, excluding wheels:

- that were subject to use of abrasive cleaners, compounds or tools
- that have not been maintained frequently or show encrusted brake dust
- that show corrosion as a result of scratches and other damage
- that show corrosion and / or discoloring as a result of mating contact with another wheel, hub, drum, wheel nuts, nut covers and hub covers.





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