

LIMITED WARRANTY for ALCOA® WHEELS¹
(April 2020)

This limited warranty applies to Alcoa® Wheels, including forged aluminum wheels for medium duty and heavy duty trucks, truck trailers, bus, RV or motorhome wheels (“Wheels”) and Howmet (the Company) surface or rim flange treatments applied to the Wheels. The warranties set forth in this document apply to all Wheels manufactured by the Company and sold by Company or its authorized distributor to an original purchaser of the Wheel or the end user of the Wheel.

The Company warrants that the Wheel is free from defects in material and workmanship for 60 months from the date of manufacture as shown on the Wheel, provided that the Company does not warrant against and does not provide remedies for immaterial cosmetic defects such as minor discoloration, buffing marks, or nicks.

The Company agrees, without charge, to repair or replace a Wheel that fails in normal use (see the qualifications below) because of defects in material and workmanship.

The Company warrants the Alcoa® Dura-Flange® rim flange treatment against wear which creates a sharp edge that would require maintenance for 24 months from the date of manufacture as shown on the Wheel.

The Company warrants the Alcoa® Dura-Bright® surface treatments against:

- (i) filiform corrosion (worm or hair like lines, underneath surface protective treatment and emanating from damage to the surface treatment); and
- (ii) blistering or peeling due to loss of adhesion of the surface treatment.

The foregoing Alcoa® Dura-Bright® surface treatment is warranted for 60 months from the date of manufacture as shown on the Wheel.

If the Alcoa® Dura-Flange® rim flange treatment or Alcoa® Dura-Bright® surface treatment fail in normal use or service (see the qualifications section below) to meet the foregoing warranties on a Wheel, the Company agrees, without charge, to replace the Wheel with a like or similar Wheel. Wheel replacement does not include replacement of items manufactured by third parties, such as tire pressure monitoring systems and valve filters.

Repair or replacement, as provided for in this limited warranty, are subject to adherence to the Company’s return material authorization process.

Qualifications:

The Company is not liable for, does not warrant, and will not repair or replace or make

1. The “ALCOA” name and symbol are registered trademarks of Alcoa USA Corporation and are licensed to Howmet Aerospace Inc. and its subsidiaries.

adjustment with respect to any Wheel or surface or rim flange treatment on such Wheel that has been subjected to misuse, abuse or improper modification, including the following:

- (a) Using a tyre which is oversized according to standards recommended by the Tyre and Rim Association, Inc. or other recognized tyre and rim agencies such as ETRTO (Europe);
- (b) Failure to install, use and maintain Wheels in strict conformity with all applicable laws, regulations, codes and industry standards;
- (c) Loading the Wheel beyond the applicable maximum Wheel load as specified by the Company;
- (d) Inflating tyres beyond the applicable maximum pressure as specified by the Company;
- (e) Except as permitted by the Service Manual for Alcoa Wheels ("Service Manual"), changing the original condition of the Wheel by alteration or by subjecting it to any processing or changes, such as welding, straightening, painting, coating, installing a new tire valve, or heat treating;
- (f) Accidents or abnormal or severe operating conditions including and without limitation tyre fires, brake fires, severe brake system drags or seizures or running with a flat tyre;
- (g) Failure to follow maintenance, instructions or warnings set forth in the Service Manual, Technical Bulletins or other literature for Wheels. Recommended maintenance includes, without limitation, using proper torque, periodic cleaning, polishing, replacing the valve, inspecting rim flange wear and following rim flange maintenance procedures, and periodically inspecting tyres and system components connected to the Wheel for damage and loose lug nuts;
- (h) Nicks, scratches and other surface blemishes resulting from neglect, road salt, harsh conditions, improper maintenance, cleaning, road debris, curbing, accident or operation;
- (i) Rim flange wear (unless the rim flange has been treated with Dura-Flange®);
- (j) Using a spacer or adaptor of any kind;
- (k) Damaging the surface during tyre mounting and installation due to the use of improper tools or balancing with wheel weights;
- (l) Damage due to cleaning with strong chemicals (acids or alkaline) or abrasives, such as abrasive brushes, steel wool, or scouring pads; or
- (m) further use of a Wheel after discovery of a defect.

THERE IS NO WARRANTY THAT THE WHEEL SHALL BE MERCHANTABLE OR OF SATISFACTORY QUALITY OR FIT FOR ANY PARTICULAR PURPOSE, NOR IS THERE ANY OTHER EXPRESS WARRANTY, EXCEPT SUCH AS IS EXPRESSLY SET FORTH HEREIN. ANY TERMS OR WARRANTIES IMPLIED BY APPLICABLE LAW ARE, TO THE FULLEST EXTENT PERMITTED BY LAW, EXCLUDED IN RELATION TO THE SALE OF WHEELS. SAVE FOR ANY LIABILITY WHICH CANNOT BE EXCLUDED OR LIMITED BY APPLICABLE LAW, THE COMPANY SHALL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, INDIRECT OR SPECIAL DAMAGES FOR ANY BREACH OF WARRANTY. THE COMPANY'S LIABILITY AND THE EXCLUSIVE REMEDY AVAILABLE TO ANY PARTY RIGHTFULLY SEEKING WARRANTY COVERAGE IS LIMITED TO REPAIR OR REPLACEMENT OF THE WHEEL AS STATED IN THIS LIMITED WARRANTY.

THIS LIMITED WARRANTY DOES NOT APPLY TO AND THE COMPANY MAKES NO WARRANTY WHATSOEVER WITH RESPECT TO GOODS MANUFACTURED BY THIRD PARTY SUPPLIERS, SUCH AS TIRE PRESSURE MONITORING SYSTEMS AND VALVE FILTERS. ANY WARRANTIES WITH RESPECT TO SUCH GOODS ARE LIMITED TO THOSE WHICH ARE OFFERED BY SUCH SUPPLIERS AND ARE TRANSFERABLE.

This limited warranty should be used in conjunction with the Service Manual and the Wheels cleaning guides online. The Service Manual contains important safety information and warnings. Failure to read and understand that information may result in serious injury or death.

Copies of the Service Manual and cleaning guide are available free of charge at www.alcoafleet.eu or by contacting Company at the address below:

Howmet-Köfém Kft.
8000 Székesfehérvár
Verseci u. 1-15
Hungary
Attn: Fleet Service Center