

NOVELIS

Coil anodised J73A[®]

Processing guidelines

The continuously anodised J73A is perfectly suitable for interior and exterior architectural applications. The anodic layer thickness on the reverse side (specific to the coil anodising process) is around 50% of the nominal thickness of the top side.

During production of the facade panels it is very important that all elements must have the same rolling direction when fixed to the facade. The Novelis-Logo on the UV-resistant protective film always faces the same direction. Furthermore, all sheets are printed in middle of the reverse side with the coil batch number and also indicates the rolling direction.

The fixing of the facade elements has to be free of tensions.

In order to avoid visible cracking of the anodic layer and any ensuing impairment of the decorative effect of the sheet, tension and compressing during the processing of the sheets must be avoided. Welding and soldered joints near exposed surfaces must be avoided. In order to weld or solder, the anodic layer must be removed.

For 90° angle bending, a minimum bending radius of 1 x material gauge has to be followed. In the bending process, micro cracks will be shown in the anodic layer.



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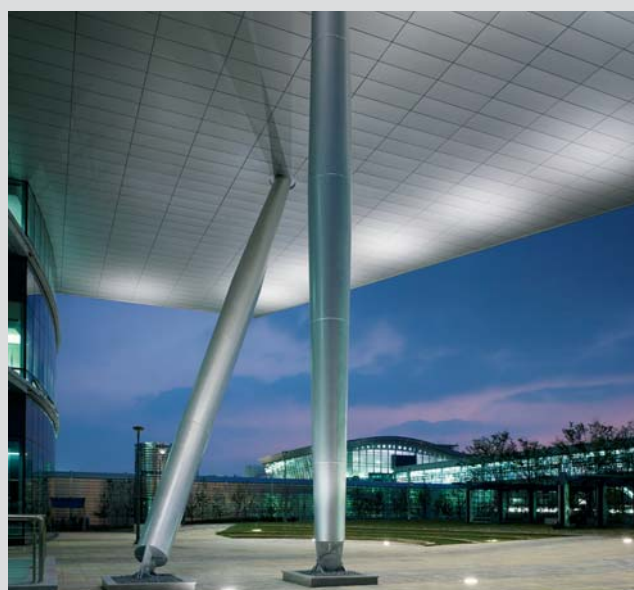
These micro cracks cannot be avoided by using wider angles, and will not influence the corrosion properties of the anodic film.

Joint fillers or process materials e.g. diluted soluble oil, slip additive etc., have to be pH-neutral and free from harmful substances if they come in contact with J73A. The user has to test these materials for suitability in use on J73A.

With the batch number printed on the reverse side of the sheet our customers are able to identify the material through all relevant production steps. In order to satisfy the terms of the warranty, customer/processor must keep full traceability records of the sheets involved. Batch numbers are printed on the Novelis packet label.

The decorative side of the sheet is always facing up on the originally supplied pallet and is covered by UV-resistant protective film with the Novelis J73A logos. Sheets should be ordered with a protective film or paper interleaving to avoid any transit or subsequent handling damage. In the event that it is ordered without protection, the risk of handling damage is borne by the customer.

The protective film can be successfully removed from the sheet without leaving any residue, provided that it has been stored in a weatherproof warehouse at temperatures between + 5°C and + 30°C, and for a period not exceeding 12 months from date of manufacture, under UV-conditions max. 6 months.



Maintenance and cleaning have to follow the Novelis cleaning guidelines.

The supplier will warrant the suitability of J73A as an excellent material for decorative architectural applications only if these guidelines are observed.

Novelis Deutschland GmbH
Nachterstedt, July 2011

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