



Jindal Aluminium Ltd.

ROLLING DIVISION

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Date:

TO WHOMSOEVER IT MAY CONCERN

Shelf life of material: 6 months under following storage and handling condition

It is prohibited to unload the aluminium foil on the ground. In wet weather and winter time, the foil unloading must be carried out in specially equipped premises or under the shed on a clean and dry unloading platform, under the conditions completely excluding moisture ingress on the coils.

1. Recommended long term storage temp 12 to 24 deg c. short term storage temp: 10 to 35 deg c in an atmosphere as dry as possible (*)
2. The twenty-four-hour temperature difference in a storage room must not exceed 5 deg c
3. It is prohibited to transfer the foil coils into the rooms, where the temperature exceeds the ambient temperature by more than 15 deg c.(*)

If moisture penetrates into windings of rolls of aluminium foil, it can lead to signs of corrosion on metal surface; moisture not only means wetness, but also formation of condensation on foil surface when the dew point of moist air is exceeded. So as to avoid moisture following measures must therefore be observed.

Protect the product from wetness; the rolls should be placed in closed rooms that are as dry as possible.

Do not put arriving consignments or stored material that is cold straight into warm or vice versa, but put them into intermediate storage for 2-3 days to allow for temp. Equalization.

Aim at low relative humidity as far as possible in the storage and processing rooms, the following figure shows the importance of RH.

- Room temp 15 deg c, RH 30%, dew point reached at -2.5 deg c metal temp
- Room temp 15 deg c, RH 50%, dew point reached at +5.0 deg c metal temp
- Room temp 15 deg c, RH 90%, dew point reached at +13 deg c metal temp (dew point is usually high at humid area)

Allow wrapping materials to remain intact (repair if torn) until the aluminium foil product is used.

Store away from outside doors where the metal could be subjected to rapid temperature fluctuations.

For Jindal Aluminium Ltd.

(Rolling Mill Division)


R KRISHNA PRASAD

QA HEAD

Note: This is a system generated document

