

# **BECK'S LIGHT**

## **GAUGE ALUMINUM COMPANY**

### SURFACE WETTABILITY A.S.T.M. B 373

The sheet shall be tested for surface condition by spraying, as from a squeeze bottle, a continuous line of distilled water or distilled water - alcohol mixture across the web of the sheet inclined 30 degrees from horizontal. To ensure an acceptable water - alcohol mixture, the alcohol denaturant shall be methanol (Formula 30 - ten parts ethyl alcohol and one part methanol by volume) or equivalent. Sheet dryness is categorized by the water or water - alcohol test in which the sheet will support a continuous unbroken line across the web for 2 seconds. (The unbroken line is the top of the band of water or mixture across the web.)

#### DRY A (test dryness 100 / 0)

Sheet shall support a continuous unbroken line using 100 % distilled water. Alternatively, the sheet may be tested by a distilled drop test, in which case the drops shall spread evenly into a thin film.

#### DRY B (test dryness 90 / 10)

Sheet shall support a continuous unbroken line using a mixture of 90 % distilled water and 10 % alcohol.

#### DRY C (tested dryness 80 / 20)

Sheet shall support a continuous unbroken line using a mixture of 80 % distilled water and 20 % alcohol.