

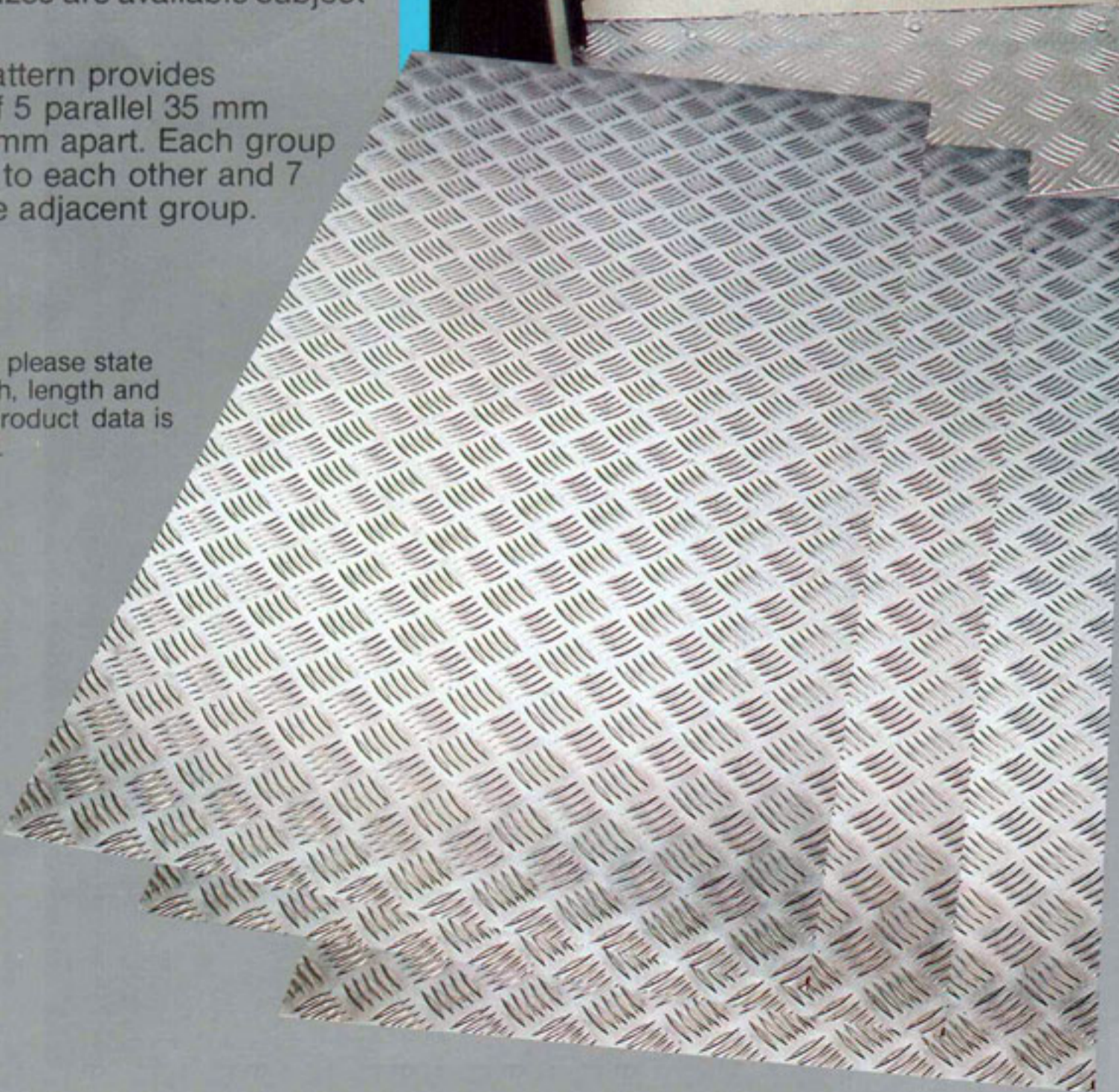
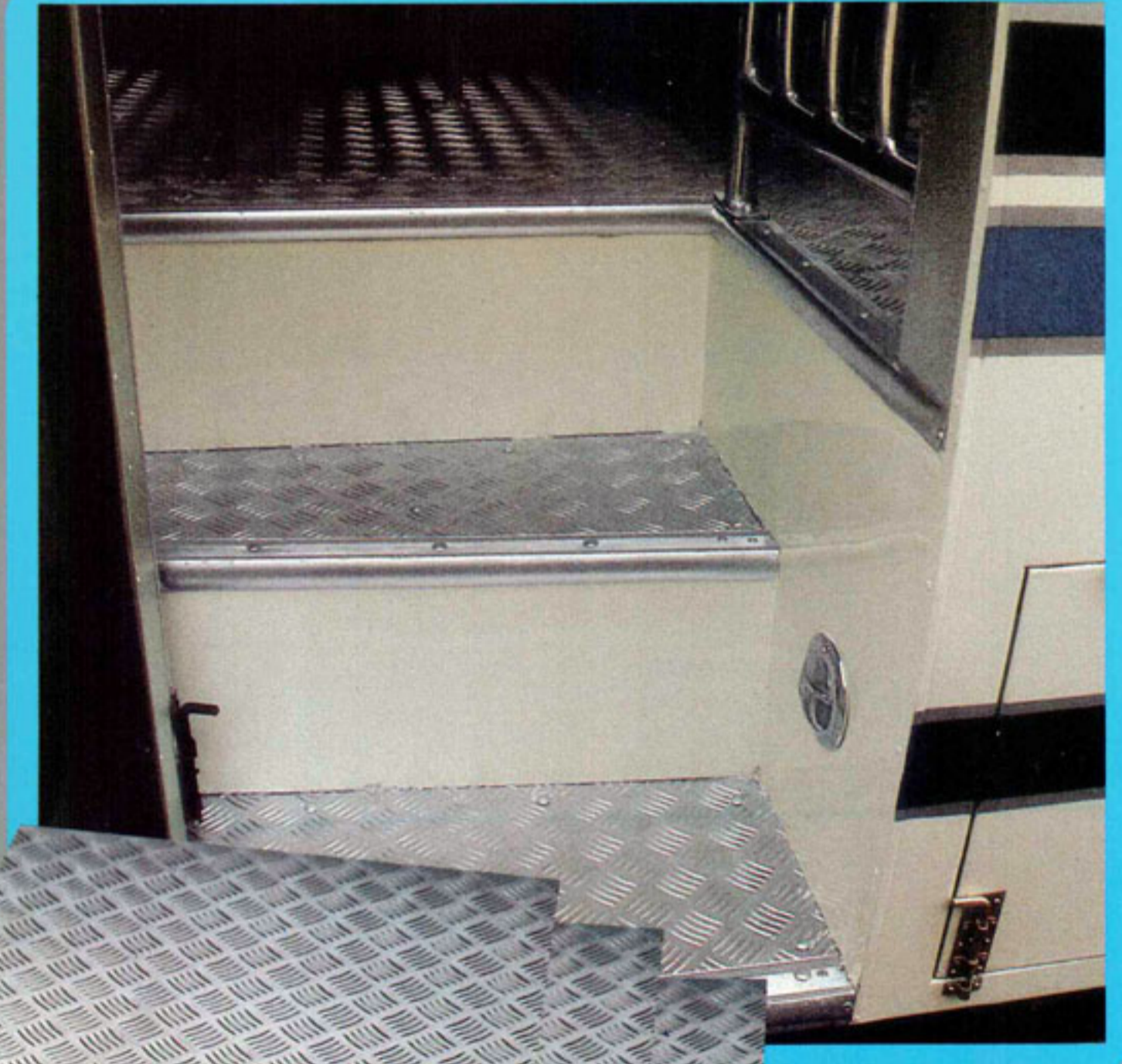
# TREAD PLATE

Alcom's 5-bar aluminium tread plate offers the market the benefits of a corrosion resistant, strong yet lightweight, attractive and easy to clean flooring material. Its non-slip surface, combined with the characteristics of aluminium, makes it ideal for foot traffic in places where hygiene is of major importance such as pharmaceutical and food processing plants. It is also widely used on platforms and in vehicle flooring applications where the lightweight and corrosion resistant properties are highly valuable.

The 5-bar aluminium tread plate is manufactured in AA3105 alloy, in standard thicknesses of 2.5 mm and 3.0 mm and standard sizes of 1220 mm x 2440 mm and 1220 x 3660 mm. Other sizes are available subject to enquiry.

The 5-bar pattern provides groupings of 5 parallel 35 mm lozenges, 3 mm apart. Each group is set at 90° to each other and 7 mm from the adjacent group.

When ordering please state thickness, width, length and quantity. The product data is shown overleaf.



# STANDARD PRODUCT SPECIFICATIONS

## TREAD PLATE

ALLOY: AA3105

### Chemical Composition Limits (% by weight)

Elements Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	OTHERS		Al
									EACH	TOTAL	
AA 3105	0.6	0.7	0.30	0.3-0.8	0.2-0.8	0.20	0.40	—	0.05	0.15	Remainder

### Standard Specifications

ALLOY	AA 3105	
TEMPER	As fabricated (F)	
ULTIMATE TENSILE STRENGTH	150 Mpa Min	
ELONGATION	3% Min	
TREAD PATTERN	5 bar	
BASE THICKNESS	2.5 mm	3.0 mm
HEIGHT OF BAR (LOZENGES)	1.05 mm	1.10 mm
WIDTH	1220 mm	1220 mm
LENGTH	2440 mm, 3660 mm	2440 mm, 3660 mm
WEIGHT PER UNIT AREA	7.5 kg per m <sup>2</sup>	9.0 kg per m <sup>2</sup>
PACKING	1 tonne/crate	1 tonne/crate

Note: For TIG or MIG welding, use 5356 welding rods.

All illustrations and specifications contained in this brochure are based on the latest product information available at the time of publication.

As a result of continuing product development and improvement, the right is reserved to make changes and to discontinue any item or process at any time without notice.