

### TRANSPORTATION

Safintra profiles can be supplied in any length, limited only by handling and transport ordinance regulations. The normal length that can be transported by road is 13.2 metres. Saflok 700 and 410 is rolled on-site to any length required.

### STORAGE

#### WET STORAGE STAIN

Steel sheets are normally treated with a special chromate solution, under strictly controlled conditions (i.e. the sheet is passivated) before leaving the Mill. Although this process ensures long and satisfactory protection to sheets, wet storage stain or white rust can still occur. One of the main conditions which may give rise to this problem is sheets being exposed to water while stacked, which restricts air circulation between sheets.

It is therefore important that sheets remain dry and that they do not come into contact with each other at any point if exposed to water. If sheets cannot be stored in a dry storage space, they should be stood on end and spaced out at the bottom.

A drop in temperature after a warm, humid day may also lead to condensation of moisture throughout the stack. And because sheets are often placed on the ground or very close to it, where the temperature is usually at its lowest during the night, the risk of condensation is increased.

The stain that is created does not compromise the integrity of the sheet, but does have a negative impact on the aesthetic value.



### TECHNICAL

#### EDGE WAVE AND OIL CANNING

The amount of edge wave or oil canning is dependant upon the varying mechanical properties of the coil used. Stiffener ribs are incorporated into the troughs to minimise the effects of oil canning.

#### SURFACE CONTAMINATION

Care should be taken to ensure that none of the debris arising from the fixing of a steel roof remains on the sheets after completion of work. If nails, swarf, etc. are allowed to remain on roof sheets, unsightly spots will soon appear. Initially these rust spots will merely be stains from rapidly rusting fine particles of steel, if allowed to develop further, a loss of zinc coating in the stained areas will appear. Nails, particles of steel, etc. will also stain and ultimately reduce the life expectancy of sheets. Sheets are often subject to wet cement splashes that create an area that is subject to alkali attack. Cement splashes should therefore be cleaned off immediately.

#### Note:

During installation, clean the roof daily by removing all swarf, pop rivets and unused fasteners or any other debris.

#### WIND TERRAIN CATEGORIES

It is important to consult an engineer at design stage, to ensure the correct specification of purlin spacing and roof sheet gauge.

#### CORROSION

The coast line of South Africa is a particularly harsh environment which carries coastal chlorides. In urban areas, corrosion is accelerated by the presence of sulphur emissions from industry and traffic. The choice of the correct steel substrate is therefore important to avoid high replacement costs and losses in rentals, etc. Please request additional information from Safintra in this regard.

## ADDITIONAL SERVICES

### CUT TO LENGTH

An additional service is cutting to length and blanking of continuous steel coils.

#### CUT TO LENGTH PRODUCTION CAPACITIES

Maximum width input coil	1250mm
Maximum coil weight	5 Ton
Maximum inside coil diameter	510mm
Material thickness	From 0.3mm - 1.2mm



### OTHER SERVICES

Safintra offers on-site rolling, of Saflok 700 and 410.



### TECHNICAL SERVICES

A full technical advisory service is available on request.

