

ARIEL Plastics

Onduline Roofing Products

SAFETY DATA SHEET – ONDULINE PRODUCTS

Introduction:-

This data sheet applies to the Onduline roofing product range of materials supplied by Ariel Plastics in sheet and component form.

Intended use:-

The Onduline range of corrugated roofing sheets are used for a variety of roofing applications, including their use as an underlay system for low pitch tiles roofs, trade name Ondutile. They can also be used as a sidewall cladding sheet.

Composition:-

Onduline roofing sheets are manufactured from cellulose fibre impregnated with bitumen, with a pigmented facing, coated with a thermosetting resin.

	A	B	C	D	E	F	G
Onduline PP corrugated roofing sheets	Y	Y	Y				
Ridge and verge units	Y	Y	Y				
PE & Safe-top Nails caps (steel shanks)					Y		Y
Batten cloaking piece				Y			
Multi purpose Eaves tray							Y
Multi purpose Ventilator strips				Y			
Apron flashings				Y			

A = BITUMEN; B = ORGANIC FIBRE; C = PRE-PIGMENTED COLOUR;

D = POLYPROPYLENE; E = POLYETHYLENE FOAM;

F = ABS COPOLYMER; G = PVC

Handling Materials:-

Onduline sheets contain no asbestos fibres and require no special handling equipment.

Bitumen:-

The bitumens used in the production of Onduline are of low toxicity and there is no evidence from tests or through use that the bitumens are associated with long-term effects in man as a result of regular exposure over an extended period.

The International Agency for research on cancer has concluded there is no evidence that Class 2 bitumens are carcinogenic to man.

Toxicity:-

Onduline sheets in the construction of a catchments system for rainwater collection give water suitable for drinking in compliance with the World Health Organisation and EEC regulations.

Storage of Onduline Products:-

No special storage provision is required for the Onduline materials. However keep the materials dry and covered with a tarpaulin if exposed to the elements.

Fire Prevention and Fire Fighting:-

Onduline roof sheets require a surface coating of a proprietary brand of fire resistant paint to obtain a higher classification of fire resistance.

Health and Safety:-

The coverings of new and existing roofs is a specialist occupation and should be carried out with due regard to Health & Safety regulations.

Maintenance:-

Onduline sheets should be cleared of leaves and any other organic matter at regular intervals. Maintenance work should be conducted using roof ladders and/or crawling boards. These should be positioned with reasonable care to avoid damaging the sheets surface. If access to the roof is required for some purpose other than routine maintenance of sheets, a catwalk should be provided.