INSTALLATION GUIDE

Coroshingle

Roofing Shingles

Durable and lightweight
Guaranteed waterproof for 10 years
Economical and easy to fix

view installation video
www.arielplastics.com

ariel®

Coroshingle

Roofing Shingles

Ideal for use on domestic buildings, garden buildings and timber frame roofing projects.

Coroshingle Roofing Shingles are manufactured from high quality materials, using the latest production technology to produce an attractive, durable roof finish that delivers high performance weathering characteristics. Their light weight and outstanding versatility mean they can be used to create an attractive traditional tile finish on a wide range of roofing projects to enhance your buildings.

- Durable
- Environmentally friendly
- Guaranteed waterproof for 10 years
- Simple to fix
- High insulation and sound absorbency values
- Compatible with most commercially available construction materials

IMPORTANT

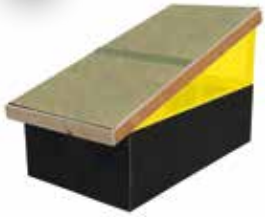
These instructions are guidelines only and do not include all the appropriate equipment which should be used in accordance with safety regulations.

a Make ready the roof deck

Coroshingle tile strips must be laid on a roof deck in accordance with relevant British Standards and Codes of Practice. The minimum recommended roof slope is 12.5°. The minimum deck thickness is 12mm at 450mm support centres.

Note: Any irregularity in the surface of the decking will become apparent through the shingle strips in service.

b Lay roofing underlay membrane



On roofs with a pitch less than 20°, a suitable roofing underlay membrane should be used. The membrane should be laid with 150mm end laps and nailed at 100mm centres using large headed galvanised clout nails.

Note: Conventional underlays are normally used, although Harcon VPU vapour permeable underlays are recommended for use on buildings with high internal moisture content.

c Fix Detail Strip & Coroshingle

Finally fix the Detail Strip and Coroshingle tile strips in accordance with the instructions. Should you require technical assistance our sales office will be pleased to help.

Note: Remember, before fixing the shingles to your roof, take time to look at the fixing instructions. An installation video is also available online: www.arielplastics.com

1 Preparation

Plan your project in advance and ensure your have the right materials and tools for the job. Ensure your roof is in good condition and there is enough thickness in the roof deck to accept 20mm galvanised clout nails. Remember, a suitable roofing underlay membrane should be used on roofs with a pitch less than 20°.

2 Attach Detail Strip to Eaves and Verge

Unroll Detail Strip and form a 50mm eaves drip edge and nail to the roof deck at 150mm centres. Detail Strip can be dressed into the gutter or nailed at 50mm centres into the fascia board. Then lay at the verge and nail at 150mm centres to the roof deck at 50mm centres to the face of the verge.

3 Fixing the Coroshingles

Begin by positioning the base course of Coroshingles at the eaves and work towards the verge. Take care to keep tiles square to the eaves and verge at all times. Coroshingles feature interlocking edges to make horizontal alignment a simple task. Lay into position, staggering alternative courses to form a broken bond pattern, and nail each strip using 20mm large headed clout nails. We recommend using 5 fixings per shingle strip. Tiles can be trimmed to size using a Stanley knife. Bond the eaves course tile and Detail Strip using a thin bead of bituminous sealant adhesive. Then use a hot air gun to bond the other tiles onto the lower courses.

4 Fixing tiles at the verge

Mark out shingles square to the verge line. Trim using a Stanley knife if necessary and nail into place. Apply bituminous sealant adhesive to then bond the shingles onto the Detail Strip.

5 Attach Detail Strip to ridge

When shingles are laid and trimmed to the ridge line, unroll the Detail Strip and form it centrally over the roof ridge. Complete the fixing of the Detail Strip by applying a thin bead of bituminous sealant adhesive 25mm from the edge of the strip and nail in place using 20mm galvanised clout nails.

Colours Available

SLATE

RED

GREEN

Handling

Coroshingles must be stored in a internal dry store and protected from direct sunlight until used on site. They should also be protected once laid from following trades footfall.

Maintenance

Coroshingles are extremely durable however, the following maintenance procedures should be undertaken to ensure a long service life. Leaf debris should be regularly cleaned from the gutters and roof surface to avoid leaf mould/moss lichen growth which can result in a reduction in the shingles effective life. Tree and shrub branches in contact with the shingles can, through wind generated movement, cause damage and should be trimmed accordingly.

Conditions of Use

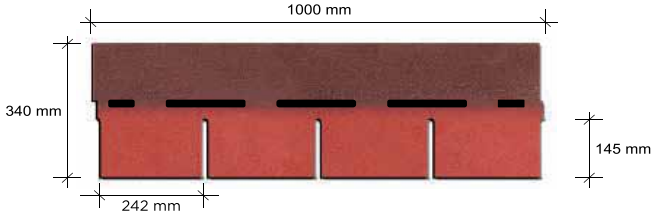
Although the colouring process used in the manufacture of the Coroshingle tile strips is resilient, as with similar natural roofing materials it is subject to the effects of weathering and ageing over its service life. The colours can also differ between production batches and it is recommended the strips are mixed between packs to avoid noticeable colour contrasts.

Product Guarantee

Coroshingle tile strips are guaranteed to remain weatherproof for ten years under normal usage and conditions, when fixed and maintained in strict accordance with the fixing instructions. The guarantee is non-transferable and does not extend to labour, related construction or third party costs and does not cover the aesthetic quality of the material. The guarantee after three years' service is limited to the pro-rata replacement value of the shingles set against the service life measured in annual increments.

Product Support

Detailed technical and fixing information is available online and should you require further information on our products or services we will be pleased to assist. Call our sales office on 01246 281111 or visit our website at: www.arielplastics.com



Note: Each tile provides a cover width of 145mm.

Contact our sales team:
Tel: 01246 281111
Orderline Email: sales@arielplastics.com
or visit www.arielplastics.com

Coroshingle
Roofing Shingles

GARDEN SHEDS
GARAGES
STABLES
AGRICULTURAL BUILDINGS

view installation video
www.arielplastics.com

Ariel Plastics Ltd
Speedwell Industrial Estate
Staveley
Derbyshire
S43 3JP

Tel: 01246 281111
Fax: 01246 561111
Email: info@arielplastics.com
Web: www.arielplastics.com