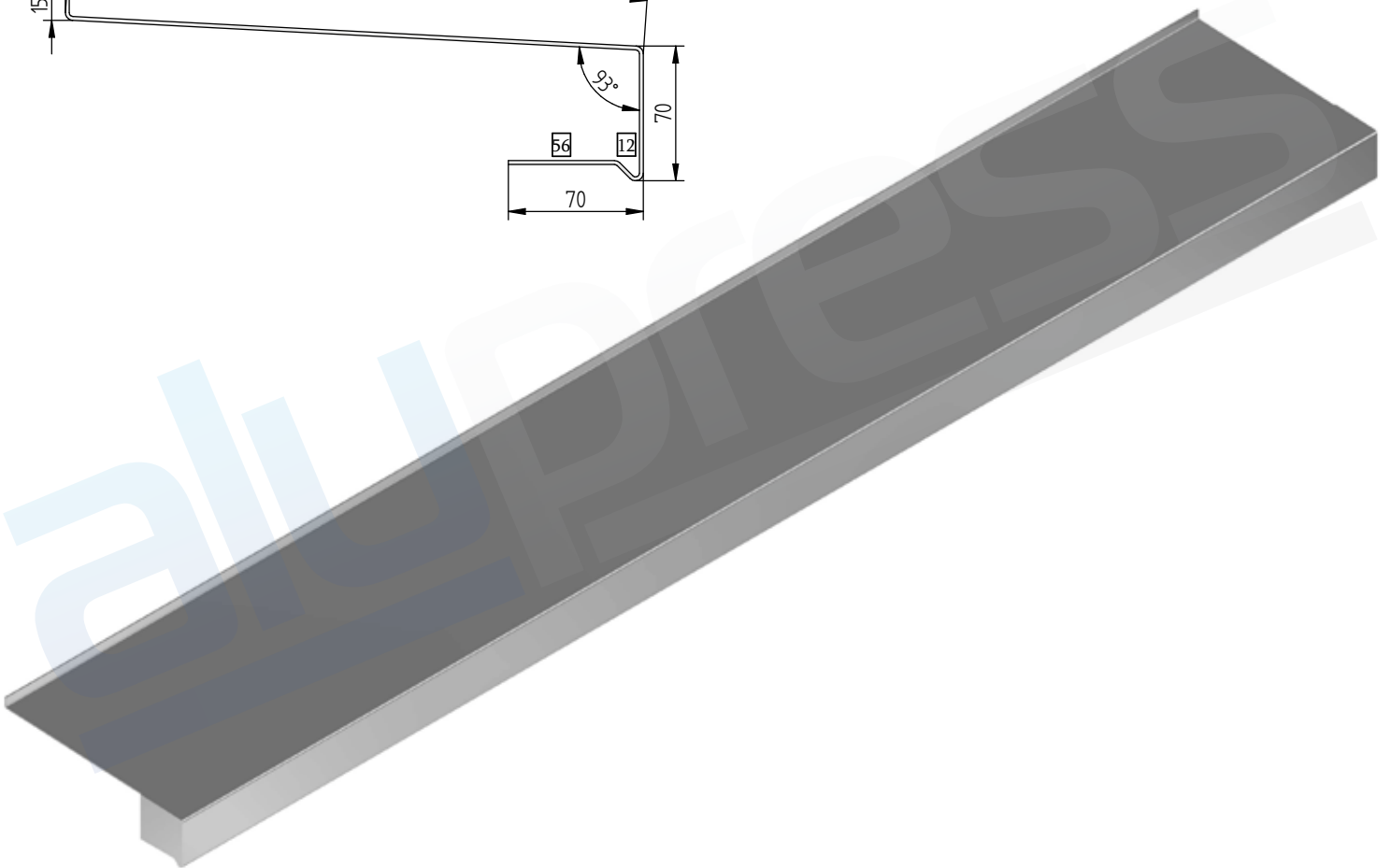
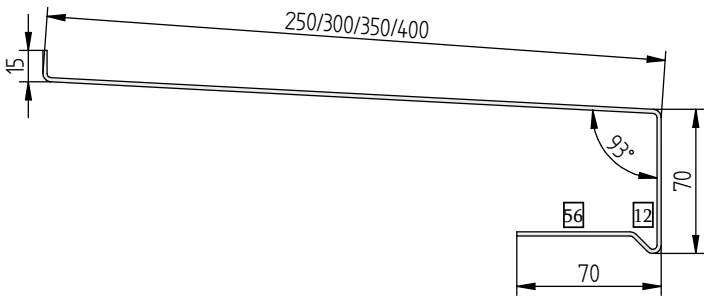


alupress

ALUMINIUM

1mm PRE-COATED SILLS
WITH ALUMINIUM END CAPS



1mm PRE-COATED SILLS

DATA SHEET

Pre-coated Aluminium window sills are durable, corrosion-resistant components designed to provide a protective and aesthetic finishing touch to window installations. They offer excellent weather resistance, structural support, and an attractive appearance, making them suitable for various residential, commercial, and industrial applications.

Key Features:

Material: High-grade aluminium

Finish Options: Standard RAL 9010 White or RAL 9005 Black

Profiles: Available in flat, sloped, or custom profiles

Length Options: Standard 3m lengths

Widths: Standard 250mm, 300mm, 350mm, 400mm and 450mm wide

Thickness Options: 1mm

Environmental Resistance: Corrosion-resistant, UV-stable, and weatherproof

Technical Specifications:

Material Manufacturer: SPIERA AS Norway

Material Thickness: 1mm thick aluminium

Material Alloy: 1050A H14

Type of Coating: Tectura Coated PVDF to the requirements described in EN 1396 and EN 13523.

Warranty: 20 years. The warranty covers loss of coating adhesion, peeling, colour stability and flaking as well as corrosion attacks because of material defects. Normal weathering of the coating will occur during the service life, with a reduction in gloss and gradual uniform colour change.

Quality Assurance: All products are manufactured and tested to conform with EN 1396, EN13523 and other applicable EN norms, ASTM norms and ECCA guidelines.

Performance Characteristics

Durability: High resistance to corrosion, suitable for coastal and industrial environments

Maintenance: Low maintenance, easy to clean

Compatibility: Suitable for use with various window systems, including aluminium, Aluclad, UPVC and timber.

Applications

Residential buildings: Houses and apartments.

Commercial buildings: Offices, retail stores, and hospitality establishments

Industrial buildings: Warehouses, factories, and workshops

Public buildings: Schools, hospitals, and gov facilities

Customisation Options

Dimensions: Custom widths, lengths, and profiles to match specific project requirements

Accessories: loose Aluminium powder coated end caps

Maintenance Instructions

Clean with mild soapy water using a soft cloth

Avoid abrasive cleaners/tools that may harm surface

Inspect periodically for any signs of blockage, damage, or wear and clear debris as necessary.

This data sheet provides essential information about our aluminium window sills, ensuring you have all the details needed for your project. For further assistance or to place an order, please contact our customer service team

1mm PRE-COATED SILLS INSTALLATION GUIDE

When installing aluminium windowsills in conjunction with external wall insulation (EWI), there are additional considerations to ensure proper installation, weather resistance, and a secure fit. Here is a general guide, but it is crucial to follow the specific instructions provided by the EWI system and windowsill manufacturers.

Materials and Tools:

- Aluminium windowsill
- Screws suitable for exterior use
- Screwdriver or power drill
- Level
- Tape measure
- Sealant compatible with EWI
- Mastic gun
- Insulation adhesive (if required by the EWI system)
- External wall insulation system components

Installation Steps:

Prepare the Wall:

Ensure that the external wall surface is clean, dry, and free of any debris.

Follow the guidelines of the EWI system for surface preparation.

Install External Wall Insulation:

Follow the manufacturer's instructions for installing the EWI system.

Apply insulation adhesive and fix insulation boards securely to the external wall.

Measure and Cut the Aluminium Sill:

Measure the width of the window opening, considering the additional thickness of the external insulation.

Cut the aluminium windowsill to the correct length, if necessary.

Test Fit:

Place the aluminium sill on the wall to check the fit. Ensure it sits level and aligns with the window opening.

Attach the Sill to the Wall:

If the aluminium sill has pre-drilled holes, align them with the corresponding points on the wall.

Use screws suitable for exterior use to secure the sill to the wall.

Tighten the screws evenly to ensure a secure fit.

Check for Level:

Use a level to confirm that the sill is perfectly level.

Adjust as needed to achieve a level surface.

Seal Joints and Edges:

Apply sealant compatible with the EWI system to the joints between the sill and the wall.

Seal any gaps or edges to prevent water infiltration.

Integrate with EWI System:

Ensure that the aluminium sill is integrated into the EWI system properly.

Follow any specific instructions provided by the EWI system manufacturer for integrating components like profiles or trims.

Final Check and Adjustments:

Double-check that all screws are securely tightened.

Confirm that the windowsill is properly aligned and seated.

Clean Up:

Remove any excess sealant or debris.

Always follow the guidelines and recommendations provided by both the aluminium windowsill and EWI system manufacturers. Proper installation ensures the effectiveness of the insulation and the durability of the window sill in external wall insulation applications.