



## PVC and the Environment

The EEC Green Paper on PVC and its environmental effects was generally positive about the contribution and role of PVC in the construction industry.

PVC is ideal for construction because of its lightness, strength, formability and long life span.

- Installation costs less than timber
- Thermal efficiency superior to timber
- Working life of 40+ years
- Does not require painting so reduces VOC emissions
- Low maintenance provides significant long term savings

### Sustainability of Swish Cellular PVC

- The Swish system speeds up installation times and reduces installation waste.
- Design guidance and call off schedules from Swish further reduce potential waste.
- Swish cellular PVC profiles are easily recovered and recycled.
- Swish is committed to facilitating post consumer recycling.
- Significant improvements in Swish production efficiencies are being secured through a continuous development programme, e.g. 98+% of Swish manufacturing waste recycled (Target 100%).
- Swish is committed to improving the environment for both its employees and its customers.

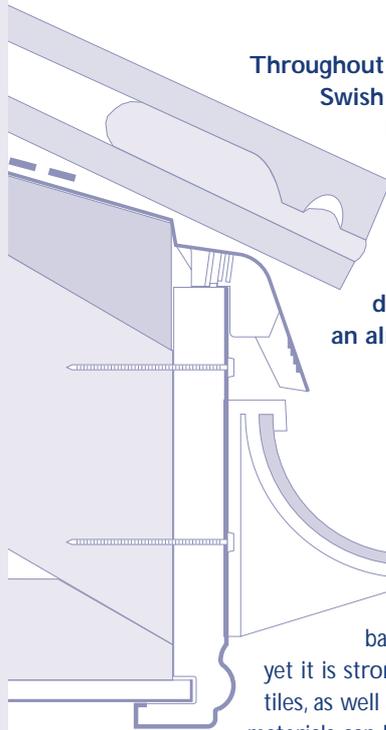
### In addition...

The European Commission, Parliament and UK Government are in favour of eradicating the use of Lead based stabilisers in PVC for environmental and health reasons.

In response the European PVC Industry has made a commitment to phase out lead

- Swish has used non-Lead PVC stabilisers for 10 years.
- Swish white non-Lead formulation will not discolour.
- Swish ensures compliance with expected EEC & UK Government legislation.

# Swish... The Specifier's Choice



Throughout the history of cellular PVC roofline and cladding, Swish Building Products has played a decisive and leading role in the development of innovative products and in the expansion of the market into mainstream specification.

Swish cellular PVC is an excellent alternative to timber in terms of quality, sustainability, desirability and cost. Swish Building Products offers an almost unique combination of these factors together with a strong partnering stance developed especially to meet the needs of the specifier and contractor.

Cellular PVC exceeds the functional requirements expected of a high quality roofline and cladding material. It will not warp, flake, crack or peel, nor will it support bacterial or fungal growth. It is a light flexible material and yet it is strong enough to bear the weight of the lower row of roof tiles, as well as a full guttering system. In addition cellular PVC materials can be worked using conventional carpentry tools.

### Savings with Low Maintenance

As cellular PVC is resistant to weathering it also has a very low maintenance requirement and an extremely long working life. This is a highly attractive financial proposition for private house holders and Registered Social Landlords alike, and it works extremely well as a sales benefit in domestic new build. The same considerations are just as important within commercial new-build and refurbishment where the landlord will wish to minimise future maintenance costs.

### Aesthetic Appeal

In the rapidly growing domestic roofline refurbishment market one of the major drivers is the strong aesthetic appeal of cellular PVC. There is no doubt that the PVC option is more desirable and carries more kudos than timber. The profile lines are attractive and PVC is able to retain these looks indefinitely, unlike timber which will begin to look unattractive long before it fails.

### Minimal Waste

In addition to its aesthetics and durability, PVC offers the specifier a minimal level of waste generated during installation. With made-to-size components that perform known functions, the quantity requirements at plot level can be precisely anticipated. This efficiency, together with the fact that, when eventually removed, Swish PVC can be easily identified and recycled, contributes to the sustainability of the Swish offer. Moreover Swish products do not contain lead and therefore will comply with anticipated EEC and UK Government regulations in this area.

Finally Swish white profiles carry BBA and BSI certification, are manufactured under ISO9001 and carry a full 15 Year Guarantee against discolouration.

# Comprehensive Technical Support

Swish provide a full range of technical support services to the new build and refurbishment specifier.

**Design and detailing.** The Swish technical support team is experienced in helping specifiers to achieve attractive roofline design detailing using the comprehensive range of Swish products. Alternatively the team is able to work with designers to develop new and unique detailing products where a commercial requirement exists.

**Product & Pricing Schedules.** Scheduling the correct volume of materials is facilitated by the technical team. Their experience and extensive knowledge of the product range ensures that they get it right first time. The product schedule can be priced at plot level for provision via a Swish stockist.

**Installation Guidance.** Swish provide onsite training and installation guidance to the contractor. Full installation manuals are available for Swish Roofline and Cladding systems. Swish can also recommend a specialist Approved Commercial Contractor.

**Technical queries** The Swish Technical Department is able to answer technical queries by phone, fax or e-mail and where problems cannot be resolved in this manner a site visit can be arranged. The department also holds up to date information on relevant Building Regulations.

**Literature.** Swish has comprehensive technical literature including full design and installation manuals for both Roofline and Cladding products. CAD drawings are available on disc in both CAD and DFX formats. NBS Contract Clauses are available on floppy disk.

**CPD Provision** Swish Building Products is a RIBA registered CPD provider offering product training as part of a range of quality 1½ hour seminars.



## A Comprehensive Range

Product innovation has been a key factor in the success of the Swish range; so much so that Swish trade marks such as Jumbo, Polo and GeePee have become standards within the industry. With the largest range of components available from any manufacturer Swish can satisfy the requirements of most specifiers from stock.

### Fascias and Bargeboards

Swish 20mm Jumbo fascias were the first in the UK to be certified as load bearing in respect of guttering and all types of eaves tiles in common use in the UK. Swish also pioneered the use of innovative products such as wood effect foiled boards, the Roofstyle decorative bargeboard system, and one-piece vacuum formed box ends.

### Soffits

A full range of Polo ventilated soffit boards is available which provide ventilation levels that comply with all current Building Regulations.

### Cladding

Cladding is an excellent means of improving the looks of a building and increasing its thermal efficiency, especially in combination with insulation materials. Swish offers a range of four cladding designs complete with a comprehensive range of finishing trims.

15 YEAR Guarantee\*



## Best Value from Swish

- Market leader in PVC roofline products.
- Most comprehensive system available.
- Non lead formulation provides certainty of compliance with expected EEC and UK Government regulations.
- Non Lead formulation will not discolour.
- 15 Year Product Guarantee on white profiles.
- The Swish Technical Services team provides comprehensive assistance and support.
- BBA and BSI certification (Kitemarked).
- Manufactured under ISO9001.
- National network of Specialist stockists ensures expert local support.

## Product Specification Checklist

- Manufactured under ISO 9001 Quality Standard System.
- Kitemarked to BS.7619 Specification for the manufacture of Extruded Cellular PVC profiles.
- BBA certification (Roofline No: 91/2620 Cladding No: 91/2622).
- Fire BS.476 Part7:1987, Surface spread of flame test: Class1 (also BS.282 Part1, ASTM D2862-77, DIN4102 Part 1: Class B2).
- Weathering - During the Sun Test, product did not reach a Delta L\* of -2 even after 500 hours. In the ACT Test, samples exhibit low Delta PI in both ACT1 and ACT2.
- BS.6105 compliant A4 marine grade stainless steel fixings.
- Formulation - Uses non Lead process. Does not produce CFC's, or contain Lead, Cadmium or Barium.
- Swish Jumbo Fascias have been tested by the BBA and found suitable to support all eaves tiles in common useage in the UK at all roof pitches. See the Swish Roofline Design Guide A227.

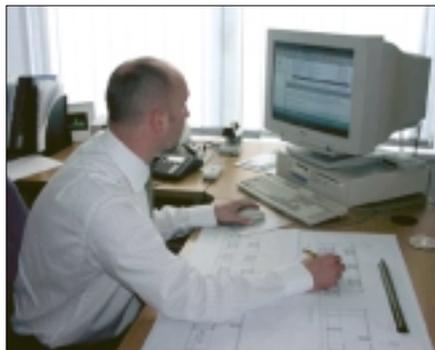


# Partnering with Swish

Swish has established an effective policy of partnering major specifiers and contractors.

## Full technical support.

The technical support provided by Swish Building Products is unrivalled within the cellular PVC industry. Swish provides comprehensive technical assistance, which begins at the design stage, through take off and order placement, and continues with onsite liaison. The Swish team of technical experts is dedicated to establishing specifiers' needs in order to supply them with the assistance and focus they require at all stages of the project.



## Effective management of supply chain

Swish is geared towards the smooth management of the supply chain. Swish has a large, highly experienced salesforce able to work with specifiers and contractors to develop supply contacts and further business as appropriate. Swish supply through a national network of independent plastics stockists many of whom are specialists in servicing the requirements of large contracts, even down to plot level.

## Certainty of quality and price

All specifiers of Swish products are assured of working with a company which holds relevant Kitemark, BBA and ISO9001 certification. In addition the Swish 15 Year Guarantee\* provides certainty that the product will not malfunction or discolour. Pricing can be confirmed at design stage and fixed subject to contract commitment, timing and third party variations.

## Continuous relationship development

Swish is keen to develop long term relationships with specifiers and contractors. Within this environment both parties can realise the full potential for efficiency within the supply chain and for developing installation designs that maximise the function and aesthetic appeal of properties under development.

**For further details on development of a close partnering arrangement with Swish Building Products please contact: Dave Osborne (Technical Services Manager)**

\*15 Year Guarantee on white cellular profiles, 10 Year Guarantee on foiled profiles. Subject to detailed Terms and Conditions.

**Swish**  
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## Sample Service

To obtain samples of any of our product range please contact us by telephone, fax or e-mail. Your requested samples will usually be despatched the same day.

Alternatively a specifier/architect profile pack is available containing sample sections of the most popular Swish boards.



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