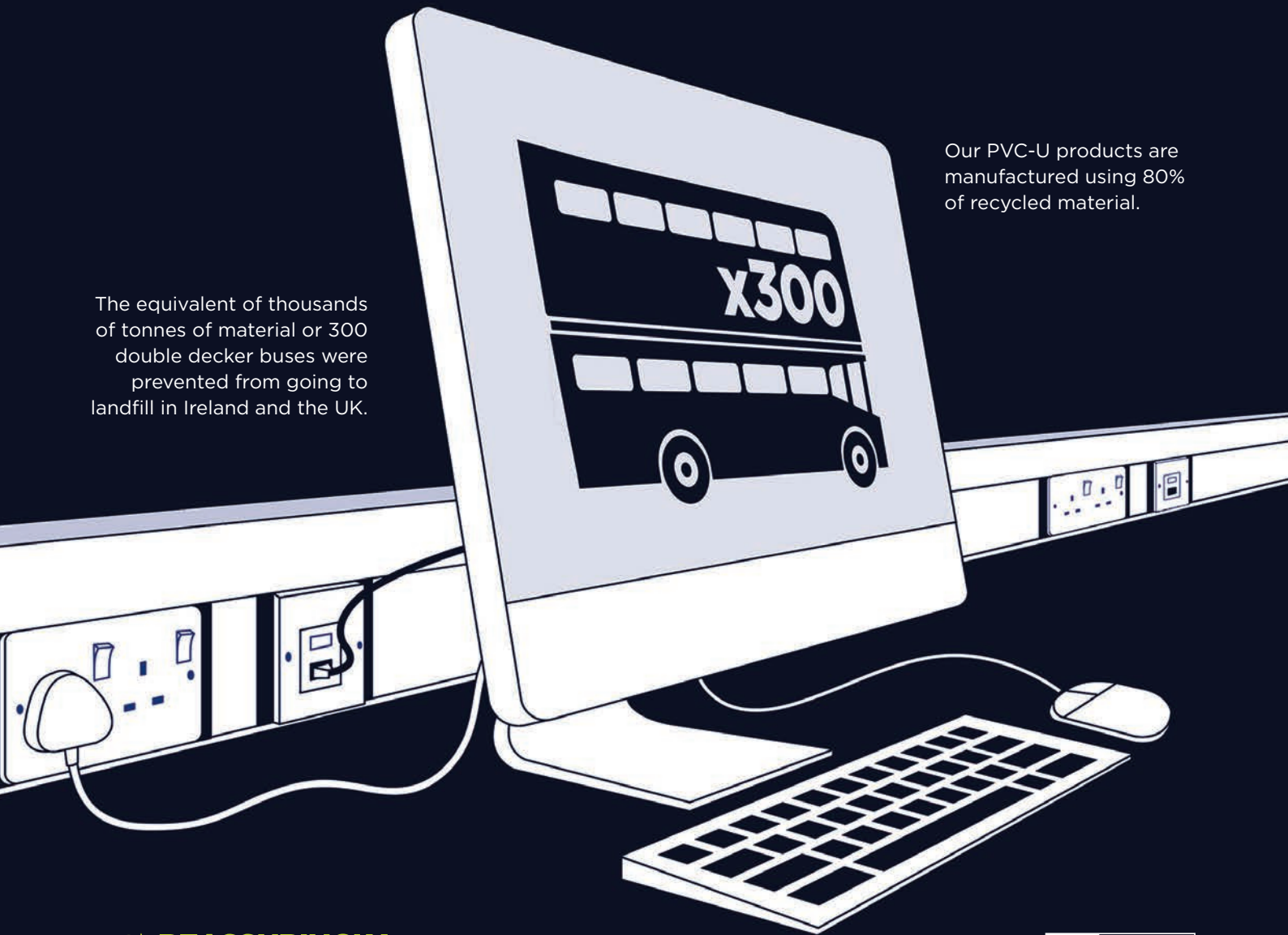


GUIDE

Recycled PVC-U Cable Management

The equivalent of thousands of tonnes of material or 300 double decker buses were prevented from going to landfill in Ireland and the UK.

Our PVC-U products are manufactured using 80% of recycled material.




When it comes to plastic recycling, let's all make a difference!

The construction industry uses an impressive amount of materials and creates a lot of waste each year*. Amongst necessary changes, reducing landfills and greenhouse gases is a priority, and this includes tackling the issue of single-use plastic.

Core Distribution represent Marshall-Tufflex, leading cable management manufacturer, in the all-Ireland market. Together, we aim to lead the route towards a more sustainable cable management, and therefore, encourage the sector commit to manufacturing, specifying and installing PVC-U cable management solutions with a minimum of 50% recycled plastic.

We are proud to supports this initiative and help drive up the sector's eco-credentials. Architect, specifier, contractor, facility manager, manufacturer, distributor, developer or end-user, we all have control over what goes in the building project we create, build, supply, manage or inhabit!

WE ARE DRIVING...
For all PVC-U products installed in buildings to be manufactured using 50% recycled material by 2028.



REASSURINGLY RECYCLED

Why drive for 50% recycled PVC-U content?

Because it starts the conversation. It highlights that PVC-U cable management systems are available manufactured from recycled material.

We want to inspire other manufacturer to follow our lead and commit to using recycled material.

Cable management may not be the largest area of the construction industry, but every little change helps. If there is an environmental choice, for PVC-U cable management that doesn't compromise on quality.

Please get in touch to discuss or learn more about recycled plastic cable management:

(NI) T. +44 (0)28 9002 0066 | **E.** distribution@coreelectrical.com

(ROI) T. +353 (0)1 453 7033 | **E.** distribution@coreelectrical.ie

Around 420 million tonnes of materials each year, of which around 120 million tonnes are wasted, of which it's estimated that 25 million tonnes end up in landfill sites.* (*Source: <http://www.wrap.org.uk>)

Where does the recycled material come from?

The suitability of recycled PVC-U material in manufacturing has raised concerns: strength, durability, surface finish, aesthetics and so on. However, these concerns are easily addressable.

PVC-U windows are inherently more durable than trunking as they are designed to withstand the external environment. As a result, the trunking that is manufactured from recycled content is stronger than when virgin material is used.



Marshall-Tufflex use 'post-industrial waste' windows (waste windows from window fabricators) or 'post-consumer waste' windows (windows that have come out of buildings at the end of their useful life). Because windows are designed to withstand external elements, they obtain a raw material that is more robust and higher quality than virgin PVC.

Recycled PVC-U is broken down into small chips, impurities removed, and the product is refined to make pure white PVC. It can be recycled at least seven times and has a lifespan of around 140 years. A rigorous quality control process ensures a high-quality finish is achieved every time. Products that don't come out as desired can easily go back through the recycling cycle again.

The process goes even further as we are now looking into collecting and recycling old PVC-U cable management.

- Industry leader in recycling 'end of life' PVC-U windows,
- Reliable, cost-effective, long-term service that you can depend on.
- Work with window fabricators and installers and waste companies

Reassuringly Recycled

Q&A

Where does the recycled material come from?

The recycled PVC-U mainly comes from waste windows from window fabricators.

This raw material is more robust and offer higher quality than normal conduit/trunking virgin grade extrusion PVC-U. And indeed, the material used to make windows is designed especially to withstand external elements and is generally considered the best standard PVC-U available.

How much recycled content is used in the products?

From 01.01.2018 to 31.12.2018 Marshall-Tufflex used 80% recycled material across their PVC-U product range. Where the aesthetic finish of products is not so important, they can use higher percentages of recycled material - e.g. the white Mini and Maxi trunking lengths, white Conduit and trunking base products can be manufactured using up to 100% recycled material.



Why specify products with recycled content?

Recent figures indicate the construction industry uses around 420 million tonnes of materials each year. From these, around 120 million tonnes are wasted from which about 25 million tonnes end up in landfill sites. With landfill sites in short supply (plus their negative impact on the environment), there's enormous pressure on the industry to reduce, reuse and recycle. (*Source: www.wrap.org.uk) Producing products with the greatest level of recycled content therefore contributes to helping the construction industry to reduce wastage.

How much recycled content can be found in our products and systems?

By using a rigorous quality control system, Marshall-Tufflex can tell exactly the percentage of recycled material used within each PVC-U product they manufacture. The product code index located thereafter details this information.

The amount of recycled content used within the PVC-U systems is averagely based on a built up 3m trunking profile. The selection chart on the following pages shows these figures.



PVC-U trunking selection chart

Before you specify or buy PVC-U Trunking or PVC-U Conduit Systems for a project, please consider that, as a minimum, the PVC-U product be manufactured from at least 50% recycled material or higher. You can use the Marshall-Tufflex product selection chart below to guide you. Be a forerunner and put the environment first!

Mini Trunking

38 x 38 mm

Small economical feeder trunking with easy accessibility for wiring cable.



♻️ 95% recycled material

Sterling Profile 2

167 x 50 mm

Skirting trunking with 3 separate compartments and individual covers for each compartment



♻️ 57% recycled material

Maxi Trunking

50 x 50 mm

Mid-size feeder & distribution trunking. Can be subdivided to carry power, data and wiring accessories.



♻️ 94% recycled material

Sterling Profile 3

167 x 50 mm

Dado and skirting trunking with 3 separate compartments & individual covers for each compartment.



♻️ 54% recycled material

Mono 10

100 x 50 mm

Small trunking with a single cover suitable for dado application and as a feeder trunking.



♻️ 11% recycled material

Sterling Curve Profile 1

167 x 50 mm

Medium-sized curved perimeter dado trunking with 3 segregated & 1 curved data compartments.



♻️ 66% recycled material

Sterling Compact

140 x 50 mm

Dado trunking with three compartments and a single cover.



♻️ 82% recycled material

Odyssey

180 x 57 mm

Curved profile trunking with a main & 2 smaller outer compartments suitable for dado applications.



♻️ 63% recycled material

Sterling Profile 1

167 x 50 mm

Dado trunking with 3 separate compartments & individual covers for each compartment.



♻️ 62% recycled material

TwinPlus

210 x 57 mm

Large dado and skirting trunking with two deep compartments incorporating segregation of power and data.



♻️ 69% recycled material

Other colours and sizes available. Antimicrobial, aluminium & electromagnetic shielded versions available.



PVC-U trunking and conduit selection chart

Before you specify or buy PVC-U Trunking or PVC-U Conduit Systems for a project, please consider that, as a minimum, the PVC-U product be manufactured from at least 50% recycled material or higher. You can use the Marshall-Tufflex product selection chart below to guide you. Be a forerunner and put the environment first!

Sterling Profile 4

218 x 50 mm

An extendable dado & skirting trunking with 1 half size and 2 full compartments with the option of extended height.

♻️ 74% recycled material



Bench Trunking

105 x 105 mm

Robust angled trunking that can be mounted directly on to desks, work benches or fitted under shelving



XL Trunking 201

220 x 65 mm

Dado trunking with three deep compartments.

♻️ 70% recycled material



Round Conduit Systems

20 mm or 25 mm

Round conduit made from super high impact PVC-U.

♻️ over 95% recycled material



XL Trunking 202

220 x 65 mm

Skirting trunking with three deep compartments.

♻️ 71% recycled material



CORE

Distribution

Northern Ireland

Unit 4 Duncrue Industrial Park
Duncrue Road
Belfast
BT3 9BP

Tel: +44 (0)28 9002 0066
Fax: +44 (0)28 9002 1308
Email: info@coreelectrical.com

Republic of Ireland

Unit 17b Goldenbridge Industrial Estate
Tyrconnell Road
Inchicore, Dublin 8
D08 WD50

Tel: +353 (0)1 453 7033
Fax: +353 (0)1 453 1308
Email: sales@coreelectrical.ie

www.coreelectrical.com/core-distribution