

Your Authorised Tegral Stockist:
Patrick Lynch Roof Cladding

The largest stockist of
steel roof sheeting and cladding in Ireland

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**BUILD WITH
AGRIBILD PLUS
NOW WITH NEW 20
YEAR GUARANTEE**



Introducing Agribild®*plus*

Tegral Metal Forming

Tegral Metal Forming is part of the TEGRAL GROUP and for 30 years has been to the forefront of development in metal roofing and cladding. Based in Athy, County Kildare, Tegral Metal Forming manufactures and supplies the highest quality profiled metal roofing and cladding technically designed specifically for agricultural needs. The company meets with ISO 9001: 2000 Quality Assurance System, is a proud holder of the 'Excellence through People' award and is a member of the Roof Manufacturers and Suppliers Association (RMSA) and the Irish Farm Buildings Association (IFBA)



I·F·B·A



Our Partners

Through a long-standing partnership with Corus, a world-renowned manufacturer of steel and aluminium, Tegral customers are assured of the highest standards and quality in all Tegral products



Contents

Tegral Agribild plus Features & Benefits	3
Related Products & accessories	5
Technical Guidelines	7
Other Products in our Range	8

Introducing Agribild®*plus*

Tegral Agribild® is already Ireland's most popular roofing and cladding product for animal housing and farm buildings. As part of our on-going expansion to provide our valued customers with continually improved products and services we are now pleased to offer Tegral Agribild®*plus* profiled metal roofing and cladding for modern agricultural buildings. Tegral Agribild®*plus* comes with an extended guarantee period of 20 years offering the farmer the longest guaranteed protection for metal roofing and cladding in the Irish market.

- Extended 20 Year Guarantee
- 350grms per m2 Hi-Zinc coating
- Grant Approved
- Animal Housing Friendly
- Four Unique Colours
- Three Distinctive profiles
- Vented Sheets for condensation control
- Quality Assured
- Fully Recyclable
- Supported by Tegral Technical Support

Tegral Agribild^{plus} Features & Benefits:

Extended 20 year guarantee

ONLY TEGRAL Agribild^{plus} OFFERS A 20 YEAR GUARANTEE.

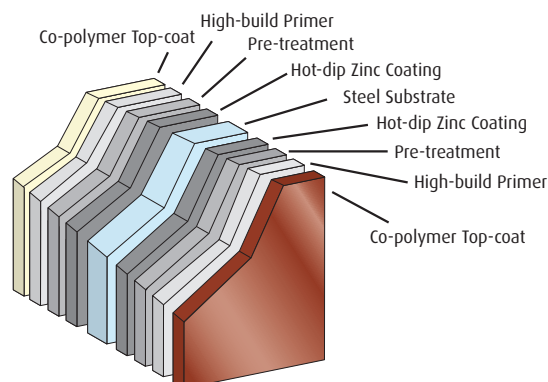
Technical quality assurance advances have facilitated the extended guarantee to 20 years offering the best guarantee on the Irish Market.

Tegral Agribild^{plus} when used in roofing and/or cladding for a farm building is guaranteed by Tegral Metal Forming Limited for 20 years from date of erection as an effective weatherproof membrane, against functional failure due to corrosion in accordance with the terms and conditions detailed in the guarantee document.



350grms Hi-Zinc Coating

Tegral Agribild^{plus} offers 350grms per m² Hi-Zinc coating versus 275grms market standard. Tegral Agribild^{plus} is scratch resistant and provides 8 layers of advanced protective coatings including co-polymer internal and external finishes.



Grant Approval

Tegral Agribild^{plus} has full Department of Agriculture Grant Approval.



Animal Housing Friendly

Because of the high protection offered by Tegral Agribild^{plus} it is ideally suited for use on animal housing and other high-humidity buildings*.



* Excludes poultry and pig housing for which Tegral can supply aluminium sheeting.

Tegral Agribild[®]plus Features & Benefits:

Four Unique Colours

Colour can be used to bring a new sense of vitality to the farmyard, it can compliment existing buildings and site surroundings and it is also used to blend into the surrounding rural landscape. Tegral have developed 4 unique colours designed to suit the Irish rural landscape. These colours can also be combined and matched to create striking combinations that will enhance any farmyard.

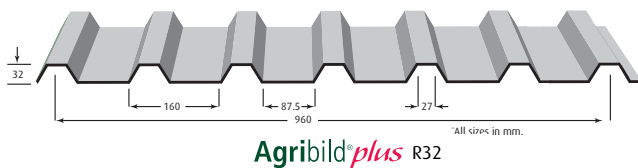
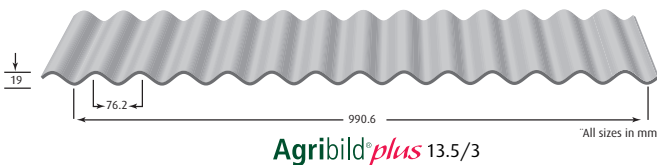
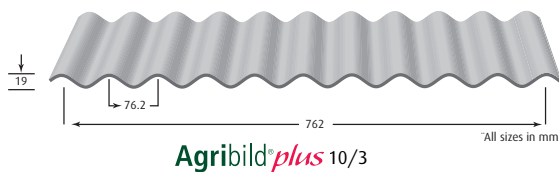


Selection of Distinctive Profiles:

Tegral Agribild[®]plus is available in both traditional (corrugated) sinusoidal profile and the box-like profile known as trapezoidal. The two key criteria for deciding on which profile to use are cover-width and aesthetics. The sinusoidal profile from Tegral is available in two widths:

- 10/3 (762mm cover width) ideal for spaced roofing and curved roofing
- 13.5/3 (990mm cover width) for maximum build efficiency

The trapezoidal is available in 960mm cover width which provides excellent build efficiency and provides clean, sharp profile lines.

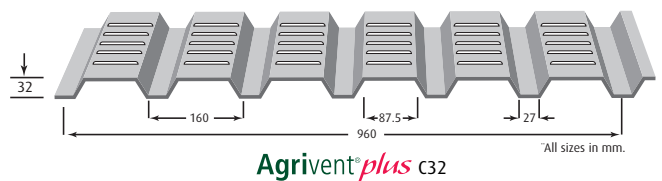
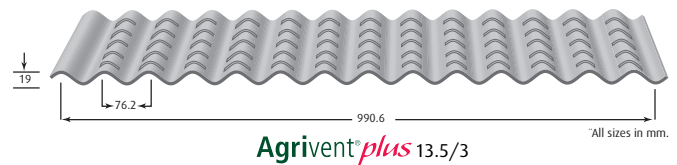


Condensation Control

Condensation occurs when humid air inside a building comes into contact with a cold internal surface such as the internal face of an un-insulated profiled metal roof. The cooled air releases its water vapour in the form of condensation. The amount of condensation formed can depend on the building usage, the amount of natural or other ventilation and roof slope.

Condensation can be reduced by the use of natural ventilation provided by eave, ridge and wall openings. Tegral Agrivent[®] Plus ventilated sheeting is ideally suited to help control condensation by providing optimum airflow without loss of structural integrity.

Tegra Agrivent[®]plus is available in two profiles*:



* For spaced version of Agrivent plus C32, please specify 'Agrivent plus C32 spaced'. For Con-Dri anti-condensation film see page 6.

Quality Assured

Tegral Metal Forming operates to ISO: 9001:2000 Quality Assurance Systems, offers full traceability from mill to farmyard and is supported by Corus quality and expertise built up over 40 years of pre-finished steel manufacture and development.

Fully Recyclable

Tegral Agribild[®]plus is 100% recyclable, uses a minimum volume of material and offers clean, dust free construction with minimum site waste. End of life options include re-use and recycling.

TEGRAL technical support services

Tegral Metal Forming provide a full technical support service based in Athy, County Kildare:

Tel: 00353 (0)59 86 31619 Fax: 00353 (0)59 86 40751

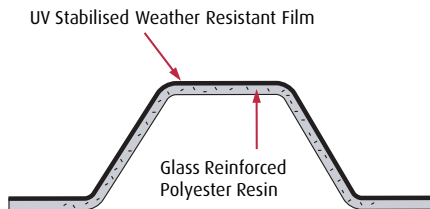
Email: metaltech@tegral.com

Related Products and Accessories

Teglites™ Rooflighting Range

Tegral Metal Forming offers a comprehensive range of translucent profiled sheets (rooflights) called Teglites™. All Teglite™ translucent sheets are made to suit Tegral Metal Forming profiles. Teglites™ are made from long-lasting durable glass fibre reinforced polyester (GRP) and are available in three different weights for various applications, 3.05kg per sq. metre (single skin), 1.8kg per sq. metre (double skin) and 2.4kg per sq. metre (liner sheets). Teglites™ are available in fire classification ratings to suit industrial and agricultural applications.

Note: Use of Teglites™ is regulated and must adhere to the non-fragility requirements of the Health & Safety Authority of Ireland.



- Comprehensive Range Available to Suit all Profiles
- Product Life Expectancy for up to 20 years
- Full Technical Service Support Offered
- Diffused Light evenly Spread and Minimises Shadows

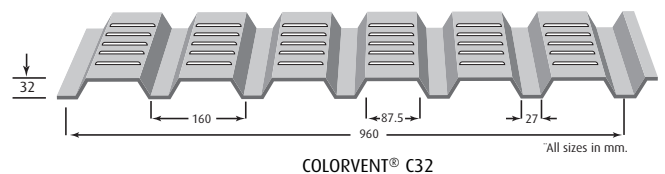
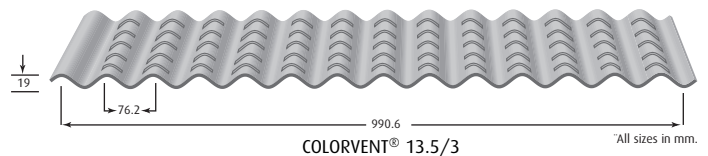
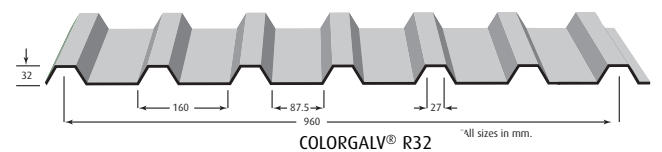
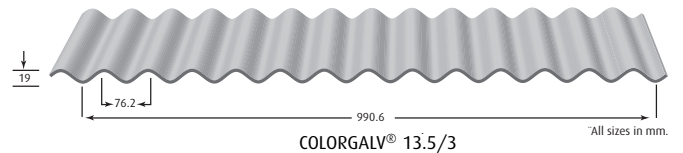
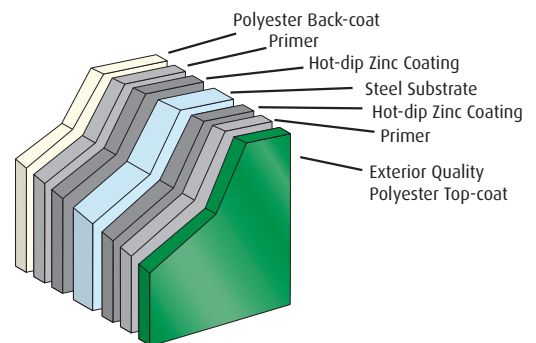


Colorgalv®

Colorgalv® is Tegral's low cost roofing and cladding product for low-humidity farm buildings used for non-animal applications such as general storage, grain storage etc.

Colorgalv® is protected by a zinc coating, a double layer of primer plus polyester coatings and is offered in two profiles and three colours.

Colorvent® vented sheeting is also available.



Related Products and Accessories

Zeta Purlins

Tegral Metal Forming offers an extensive range of galvanised steel purlin systems. Tegral Zeta Purlins and Cladding Rails are recognised as the most economically designed systems, and are suitable for all kinds of applications.

Zeta I

Sleeved, Double Span, Heavy End Bay, Double Span HEB, Butted

Zeta II

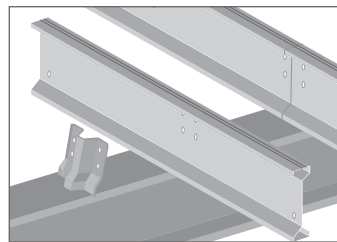
Sleeved, Heavy End Bay, Butted

Zed Section

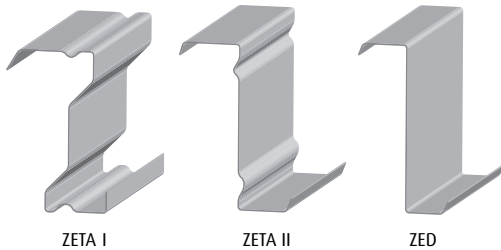
Sleeved, Heavy End Bay, Butted

Ancillary Sections

Eaves Beams, Panel Joint Rails, Top Hat Sections, C.Sections, etc.



ZETA SECTIONS

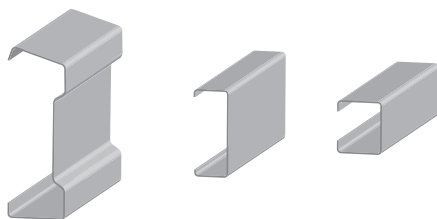


ZETA I

ZETA II

ZED

ANCILLARY SECTIONS



EAVES BEAMS

'C' SECTIONS

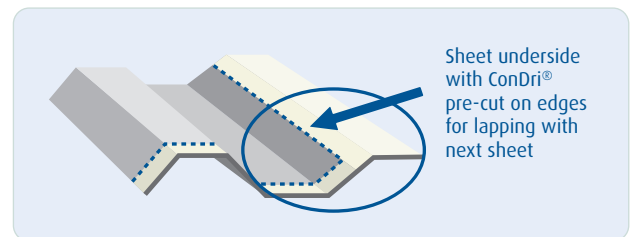
Note: Galvanised Purlins must be coated prior to use in aggressive environments such as Animal Housing interiors

Condri

ConDri® anti-condensation film is an industrial non-woven textile product that is applied to the underside of the roofing sheet. ConDri provides up to 1 Litre/m² absorption capacity which is the best available on the Irish market.

Key features and benefits:

- Supplied Ready-to-Fit: Tegral ConDri® is supplied with an anti-capillary cutback on edges to be lapped which eliminates the need for on-site resin application and reduces labour costs **by up to 50%**.



- Controls condensation, thus benefiting -
 - Animal health in indoor environment
 - reduced veterinary costs*
 - Grain store/potato/bulb storage/plant rooms
 - reduced spoilage
 - Workshop/garages/canopies
 - better working environment - health benefits
 - Warehousing/equipment
 - reduced spoilage of goods stored

(* It is not recommended for bovine housing or animal housing that requires powerhosing)

 - Riding Schools/indoor arenas
 - Drier and more appealing internal surface areas.
- Acoustic properties - absorbs noise from interior and exterior (rain noise)
- Grant approved by Department of Agriculture
- Does not support fungus growth
- Fire Performance: Tested to NEN-EN-ISO 11925-2:2002/ NEN EN 13823:2002 and received best rating B-s1, d0 for this type of product.
- Easy maintenance: can be brushed with soft bristle brush.

Related Products and Accessories

Flashings

Tegral can supply a full range of coloured accessories to compliment any choice of Agribild Plus roofing and cladding.



Curragh Green Sheeting
Kilberry Red Gutters and Trims



Kilberry Red Sheeting
Curragh Green Gutters and Trims



Kilkea Grey Sheeting
Kilberry Red Gutters and Trims



Kilberry Red Sheeting
Kilkea Grey Gutters and Trims



Barrow Brown Sheeting
Kilberry Red Gutters and Trims



Kilberry Red Sheeting
Barrow Brown Gutters and Trims

Filler Blocks

Sheet corrugations may be closed at ridge or eaves by use of profiled filler blocks available from Tegral.



Technical Guidelines

Cladding and roofing sheets should be separated from timber purlins by using a D.P.C. type barrier. Avoid prolonged direct sheet contact with aggressive chemicals such as silage, slurry, fertilisers, etc.

If the coating of Tegral **Agribild^{plus}** is damaged and the metal substrate is visible, apply touch-up paint to the exposed metal by "artist" brush method.

Buildings that are subject to the accumulation of salt spray need special treatment, particularly those less than 2km from the sea, where all cut edges of exposed Tegral **Agribild^{plus}** roofing sheets should be coated with touch-up paint.

In addition those areas of sheeting not exposed to the washing activity of rainwater (e.g. under eaves), should be washed regularly with fresh water to prevent the accumulation of salt spray. In extreme marine conditions Tegral **Agribild^{plus}** may not be recommended.

Avoid sheet contact with water run-off from copper, lead and related alloys.

Tegral **Agribild^{plus}** should be cut with snips – avoid the use of disc grinders.

Remove drilling swarf generated during fixing immediately.

For detailed information on installation and maintenance refer to Corus **Farm Building Guide Revised edition 1992** "The use of profiled steel sheeting for farm buildings". To ensure that you get the most from Tegral **Agribild^{plus}** we list below some basic recommendations for handling materials and fixing on site.

- DON'T leave uncovered sheets lying in the open. Store under cover and away from open doorways.
- DON'T leave the sheets unprotected when hoisting onto a roof. Use ropes not chains.
- DON'T store sheets where people will walk on them. Always use crawling boards when laying and fixing sheets.
- DON'T drag sheets off a pile. Remove them by turning them off the stack.
- DON'T use a cutter or angle grinder as these only burn the coating but leave diminished galvanised protection for the steel., and rust will follow very quickly. Instead always use a hand shears or mechanical nibbler. Always remove drilling swarf immediately.

OTHER PRODUCTS IN OUR RANGE:

Roofing and Cladding for insulated buildings:

Tegral Insulated Panel Range -

A full range of LPCB and FM insurer-approved roof and wall panels with unique joint lock system for improved air-tightness and Part L compliance.

Also our environmentally friendly and non-combustible mineral wool Enviopanel®

Curved Roofing -

Seven roof profiles including Seam-Loc and Alu-Seam® standing seam systems and ten wall cladding profiles with options for convex and concave curving.

Deep-Profile Architectural Cladding -

Unique Shadowline and Arcline® deep feature profiles to create striking architectural facades. Available with Corus Colorcoat HPS200® for special internal conditions - Europe's most specified pre-finished steel with the optimised Galvalloy® metallic coating for ultimate cut edge protection and up to 30 years maintenance free Confidex® guarantee from Corus.

Acoustic and Fire Protection Systems -

Six liner sheet profiles to create attractive interiors including perforated liners for acoustic absorption.

All Tegral roofing and cladding is non-combustible providing the highest level of fire protection.

Tegral Metal Forming also offer market leading structural products:

Comflor® Floor Decking -

Seven Composite Flooring Profiles including Slimdek® SD225. Fibre-reinforced option available on Comflor® shallow decks - reducing installation times by up to 20%.

Zeta® Purlins -

Designed to use less steel than comparable systems for a given load/span specification. Selection of design software available from Tegral technical support.

Roof Decking -

The widest range of profiles on the market. Tegral Metal Forming is the market leader in Ireland with the widest range of flat roof decking profiles available.



Now available from:

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