

GRP Flat Roofs.

Fibreglass is the ultimate choice for a maintenance free flat roof. It gives peace of mind that you no longer need to worry about the problems of leaks and bubbling often associated with flat roofs. This is the best flat roof solution we know of and one that should last a lifetime. The materials are strong enough to walk upon, giving clients the opportunity to utilise their roof area. An extensive range of colours are available, ensuring that good looks can be combined with a strong, waterproof material that out-performs all other alternatives.

Classic Roofing (NI)

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Additional Services

Slating or Tiling of New & Existing Roofs.
Lead Work Repaired or Replaced.
Bitumen & Firestone Rubber Flat Roofs.
All Roof Repairs.
Storm Damage and Insurance Work.
Skylights & Roof Windows Installed.
UPVC Fascia, Soffits and Gutter Work.
Chimney Problems and pointing.



GRP

Flat Roofs

20 Year Guarantee's



www.classicroofingni.com

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Glass Reinforced Polyester.

What is a GRP flat roof?

A GRP roof, as fitted by “Classic Roofing”, is a single-ply Glass Fibre Reinforced Plastic laminate, using Polyester resin reinforced by Chopped Strand Mat Glass Fibre, applied “in situation” over a good quality new 18mm OSB3 wooden deck. The roof is finished with pre-formed GRP edges and a coat of pre-pigmented topcoat.



How long will GRP last?

The life expectancy of a GRP Roof, properly installed by Classic Roofing, will far outlast our 20-year written guarantee.

The only occasions we have known of a GRP roof failing is from poor installation and the use of inferior materials, **(not by ourselves!)**.

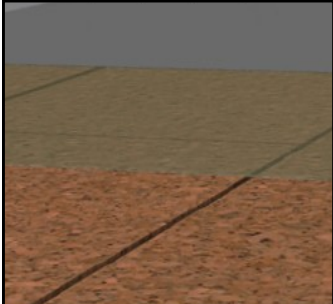
What is Glass Reinforced Polyester?

GRP has been used for decades. It is arguably one of the most versatile construction materials available. GRP is used in almost every industry known to man. It is all around us every day of our lives, however most people relate to “Glass Fibre” when used in the building of boats. Many boat hulls are made from a mixture of Polyester Resin and Reinforced Glass Fibre. Once cured, (“set”), this results in a strong, durable structure. A topcoat is applied, giving a waterproof coating, protecting the Polyester resin & Glass Fibre. The combination of all the above ensure a strong, durable finish that is resistant to sea, rain, sun, ice and minor impact.

The synthetics used in the Polyester Resins and topcoats for roofs are more flexible than those used for boat construction. The reason for this is because buildings are constructed from a variety of different materials. These materials expand and contract at different rates during the day. If applied correctly, these resins eliminate any risk of cracking.

GRP was first invented in the 1940’s and was quickly used for a wide range of applications including boat building, motor car bodies, liquid tanks, bulk storage containers, etc., etc.

GRP is a comparatively inexpensive material, which is robust, flexible and will never corrode. The roofs are seamless, attractive, and can be walked and worked upon.

	Topcoat Layer.
	GRP laminate. Polyester resin reinforced by chopped strand mat.
	Decking. Good quality 18mm OSB3 board.

Where else can GRP be used?

Balconies & walkways.

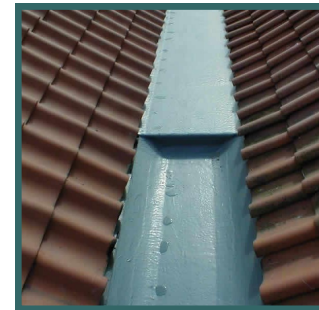
Water tanks.

Box & valley gutters.

Out-buildings.

Lead or copper reproduction.

Pond linings.



Make a metal gutter maintenance free.



Commercial flat roof with parapet wall and outlet detail.



Problematical outlets can become a thing of the past.