

flexi-lineTM
MEMBRANE LINED GUTTER SYSTEM

Suite 4, Mile House Business Park,
Darlington Road, Northallerton,
North Yorkshire DL6 2NW

Telephone
0800 12 44 846

Email
info@flexi-line.co.uk

Online
www.flexi-line.co.uk

Flexi-Line is a registered trademark
of Total Gutter Maintenance Limited

Flexi-Line uses the **Samafil**[®] membrane

flexi-lineTM

**Membrane Lined
Gutter System**



Introducing the End of Gutter Problems

What is Flexi-Line

Flexi-Line is a re-lining system for old or failing gutters which need to be addressed. Flexi-Line is fully weathered by **Sarnafil®** G410-12EL PVC membrane which is factory laminated to 0.6mm thick galvanised steel. BS EN 10142 grade FePoGZ275. The gutter joints are made by hot-air welding the PVC membrane over a mechanical joint in the galvanised steel substrate. The membrane is 1.2mm thick, light grey, and resistant to normal pollutants and marine atmospheres. It will not support mould or vegetation growth.

Outlets/Overflows

The Flexi-Line system will provide for factory manufactured materials to re-line existing outlets, overflows and sump units or alternatively new units can be supplied to replace where necessary.



▲ Once installed, Flexi-Line provides a leak-free guttering solution with up to a 25 year warranty.

Drainage Calculations

Many problems with gutters relate to the lack of outlets or failing outlets which results in flooding. We can assist here by performing a review of your building drainage needs against what is actually in place. This review can be for 'gravity drainage' or for 'pressure assisted drainage'. If Siphonic Drainage is in place then this will require to be reviewed by the system manufacturer.

Accommodation Of Movement

A major benefit of the Flexi-Line membrane lined gutter system is its expansion characteristic which allows long stretches of gutter to be installed without specially fabricated movement joints - which obstruct water flow. The laminated upper lined skin of the gutter flexes in response to thermal expansion without any damage to the gutter performance or life.

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MEMBRANE LINED GUTTER SYSTEM

Why Flexi-Line?

- ✓ Proven leak-free system used in new build construction with over 1000 miles delivered over 30 years
- ✓ The only membrane that carries an independent BBA recognition of a 40 year life expectancy (for membranes 1.5mm thick or greater)
- ✓ In-house structural, thermal and hydraulic design for the building facility management team
- ✓ Capacity calculations are optional within the service provided
- ✓ System warranty available
- ✓ When Flexi-Line is installed the gutter will be like new, giving total peace of mind for the building owner

Fabrication & Installation

We will visit your site and perform a site survey which will include determining the appropriate size of Flexi-Line for your building needs. All the components required to re-line your gutter will be manufactured from the site survey details and delivered to the building for installation. We will then install Flexi-Line providing you with peace of mind for your building.

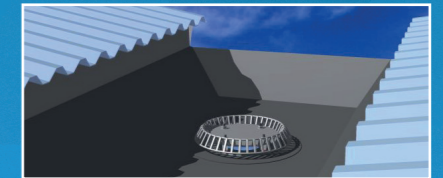
Warranty

Flexi-Line supplies up to a 25 year warranty over the membrane lined gutter system.

**For more information,
call 0800 12 44 846
or visit our website
www.flexi-line.co.uk**

Key Technical Information

- **EXTERNAL FINISH:** 1.2mm thick **Sarnafil®** reinforced PVC weatherproofing membrane G410-12EL, colour: light grey.
- **METAL FINISH:** 0.6mm thick galvanised steel to BS EN 10142 grade FePO2G with Z275 coating.
- **METHOD OF JOINTING:** Form site joints and fit outlets and overflows by hot air weld overlapping **Sarnafil®** PVC membrane, leaving a central unbonded strip which allows for expansion and contraction.
- **LIFE EXPECTANCY:** This is the only membrane that carries an independent BBA recognition of a 40 year life expectancy (for membranes 1.5mm thick or greater).
- **FACTORY FABRICATED ACCESSORIES:** Fitted stop ends / mitred corner sections / tee sections / change of section / sumps.



▲ The welded joint system guarantees against water ingress through the gutters