

Editorial

When entering the market, all of us at Rubberfuse decided that the marketing approach would be a constant search for offering a top quality product. Today, indications are that we are on the right track: thanks to the efforts of a growing number of enthusiastic partners, over 4 million m² Rubberfuse systems have been installed in more than 20 different countries.



About 10 years later, the initial goal remains unchanged. We are still determined to put all our efforts and offer total satisfaction to our customers. To hit the target, a prerequisite is to keep focusing on the building owner's priority: to get a long lasting, trouble-free roof. Providing this implies that all the key success elements must be gathered: in short, the system (Sintofoil membrane and Rubberfuse accessories) is to be installed by trained professionals (Rubberfuse authorised applicators).

In a world where competition gets tougher every day, sticking to our marketing principles is not an option. Only an uncompromising attitude will take us there. Therefore, operations will stay in line with the original plan. Necessary measures will eventually be taken to further enforce our strategic concepts; we will keep working on system improvements and the status of the AA will be further enhanced. Your continuous support and co-operation are highly appreciated. Thank you! M. Aughuet.

SNEI move into new premises...

The expansion of their activities have led SNEI to move into newly built premises, which were inaugurated in May by René and Jean-Philippe Schillaci in the presence of the city's mayor and most of SNEI's partners. The building has a contemporary look, which reflects the commitment of the company to new technology.

Quite obviously, a Rubberfuse system covers both parts of the new building. Sintofoil ST/Grey/1.2 mechanically attached covers the 400m² low-level roof, which is accessible so visitors may have a look to various installation details. The 2.000m² high level roof uses ST/Lead Grey/1.2 membrane, also mechanically attached.

SNEI are Rubberfuse pioneers, as they joined the team as early as 1995. To date, over 500.000m² have been installed all over France.

... as well as Ravago Hrvatska

Mid-year definitely was a celebration period, as shortly after SNEI, Ravago Hrvatska, Rubberfuse distributor in Croatia organised a party to celebrate the opening of their new premises. Conveniently located in the suburb of Zagreb, the building has been designed to meet all requirements for the most adequate distribution: it includes offices and a large warehouse but also a dedicated training centre. Branko Ocak, Vlatka Marinkovic and the Ravago Hrvatska staff led a great party, which provided their customers the opportunity to meet with Ravago's principals and exchange views on the Croatian market while enjoying local beer and wine!



Zagreb Municipality seeks total quality

The Municipality of Zagreb takes the renovation of their properties quite seriously. Prior to making any decision for the roofs, its staff carefully reviewed what the market has on offer. And when they expressed interest towards Rubberfuse, the top Management of GSKG, the Authority in charge, decided to come over to Mappano and attend a preliminary presentation.



The concept of homogeneous, engineered systems installed by authorised applicators did meet their expectations. Together with Ravago Hrvatska, Rubberfuse distributor for Croatia, a comprehensive educational program was then implemented. First, a general presentation took place in Zagreb. GSKG's selected key staff members then attended a specific training session at Imper Italia's Mappano training centre. The target was to for the attendants to become familiar with all aspects of the Rubberfuse technology, with a special focus on quality control enforcement. Technical "hands-on" sessions were also organised, as GSKG wanted to have a sufficient number of Rubberfuse authorised applicators at their disposal.

So far, about 20 roofs have been completed. As one will notice from the picture, training proved to be quite useful, as each roof is scattered with various penetrations.

Standing seam profile reference

Briggs Roofing and Cladding Scotland were asked to provide a waterproofing membrane for a new build project near Dundee. The project was a new medical centre and the client was Medical Central Scotland. The building



was sited in a rural setting in a woodland area near the East Coast. Primarily the waterproofing membrane needed to be of high quality with an excellent longevity and Briggs recommended the Rubberfuse adhered system. Due to the location and general design of the building, the client opted for the 25x30mm standing seam profile detail installed at 750mm centres. The combination of high performance and traditional appearance gives the building a great look while protecting the occupants for many years to come.

Russian outset

Patience is a prime requirement to successfully enter the Russian market. So, it took some time but today Miandrstroy, our Moscow-based partner, show up some encouraging signs of progress made there.



Moscow's Central Science & Research Institute of Industrial Buildings have now published the manual for application of Sintofoil membranes. It includes specifications written in line with Russia's roofing requirements and specific test results, such as cold temperature flexibility, an essential feature in that country. (By the way, Sintofoil passes - 55°C). This manual will be the reference document for Russian building owners and architects willing to use TPO/FPA waterproofing systems for their projects. Also, some jobs have been installed. For example, the photo shows a portion of the Rubberfuse system installed on the Whole Russian Electro-Mechanical Institute in Moscow, a reroofing job using Sintofoil ST/Grey/1.2 mechanically attached on the existing B.U.R. substrate.

Sintofoil passes FLL test

An interesting aspect of the trend for environmentally friendly roofing systems is the growing demand for « green roofs ». Fact is, covering flat roofs with vegetation is a nice way to improve the environment. Not to mention that a garden is more pleasant to look at than to some dull membrane. The flipside is that vegetation means roots. And roots are generally bad news for waterproofing membranes!

In Germany, where « green roofs » keep taking a growing market share, a specific root-resistance test has been developed in 1999. The procedure defined by FLL consists in testing a set of 8 boxes made in accordance with standard requirements relating to the various build-up layers: expanded clay granules, geotextile, waterproofing membrane and vegetation. Seams are also tested, as each box includes hand-welded T-joint and inside corners. The selected plants have -quite obviously- fast growing and aggressive roots. The boxes are left to grow for 2 years (in winter, they are placed in a heated greenhouse).

The 1.2mm Sintofoil membrane has been tested at the Essen's Gartenbauzentrum from April 2011 through May 2003 and successfully passed. The formal certificate has been issued in August.



Certification program - BBA renewal

Since the first certificate had been issued in 1998, it had consequently to be renewed. We took the opportunity of the renewal to also update the document, which now covers all types of Sintofoil membranes (ST, FB and RG) in both 1.2 & 1.5mm thickness, together with the complete range of Rubberfuse accessories.

It is interesting to note that based on field experience and additional testing, the new BBA certificate confirms that the Sintofoil membrane has a durability of at least 25 years.

To date, Approval and/or Testing Certification has also been obtained in (by alphabetical order):

Belgium (CSTC), Bulgaria (HNCN), Croatia (IGH), France (Qualiconsult), Germany (SKZ), Holland (BDA-Intron), Hungary (EMI), Lithuania (SPSC), Poland (C.O.B.R.), Russia (PPCP), Slovenia (ZAG) and USA (FM).



QC corner – Stretcher

In the UK, aesthetics is an important issue. To best meet such requirement when installing non reinforced membrane on the horizontal, IPS technical staff has developed a tensioning device for stretching of Sintofoil ST membranes used for mechanically attached system.

The tensioner is clamped onto the end of the roll with the base plate screwed to the roof decking. The ratchet is then applied and the sheet stretched prior to the installation of Rubberfuse fixings. This leaves the sheet in tension (about 1%) which produces a very flat and neat appearance.



A new TPO - roofdrain

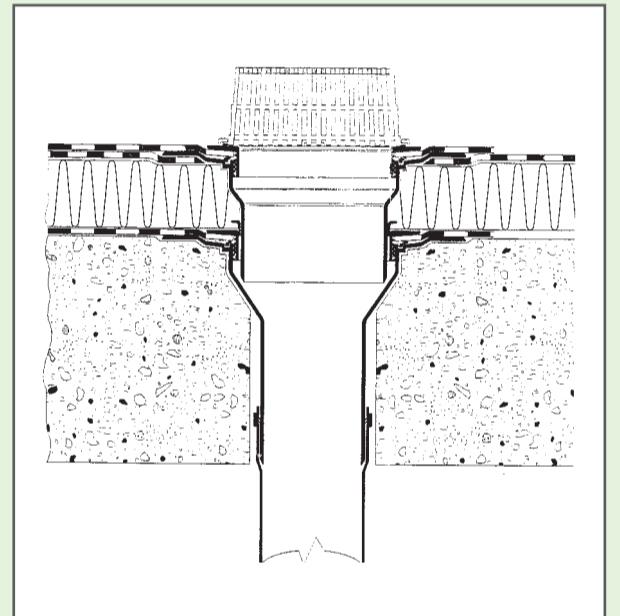
The “top drain” is a recent addition to the current line of Rubberfuse TPO/FPA roofdrains (straight and conical).

Designed to suit any type and thickness of Sintofoil membrane, it offers a versatile solution to connect the drain to the roofing membrane. A clamping ring achieves the attachment of the membrane flange. The main advantage is that there is no need for a compatible flange or adhesive.

So far, the “top drain” is available in 4 different sizes:

Pipe diameter	Drainage capacity (with leafgrate)
75mm	240 l/min
110mm	390 l/min
125mm	550 l/min
160mm	625 l/min

The related accessories include foot traffic resistant grid, high-density PU insulation and 220V - 14W heating device.



Rubberfuse SLM Gutters

Today, modern buildings are designed to offer functionality, longevity and value for money, but there is one component that is consistently exposed to the elements, is often neglected, not maintained and will frequently fail, leaving building owners with huge replacement costs: the gutters.

A performing alternate to the usual galvanised gutters is now available: Rubberfuse Sheet Laminated Metal gutters, lined with a 0.7mm TPO/FPA film, are the ideal solution for both new build and refurbishment.

Rubberfuse SLM for Gutters are available in various sizes:

- Thickness (steel - mm): 0.6, 1.2, 1.5 and 2.0
- Width (m): 1.00, 1.25 and 1.45
- Length (m): up to 6.00
- Colours: grey, lead grey and white.

Other thickness, widths and colours are also available on special order.

Usually, a 7µ coating or a dry film protects the bottom of the coil. However, a new concept is intended to replace the current 2 phase process (cleaning + coating/film). The new “treating primer” process will offer significant advantages, especially in terms of ecology (chromium free) and performance.



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