

Editorial

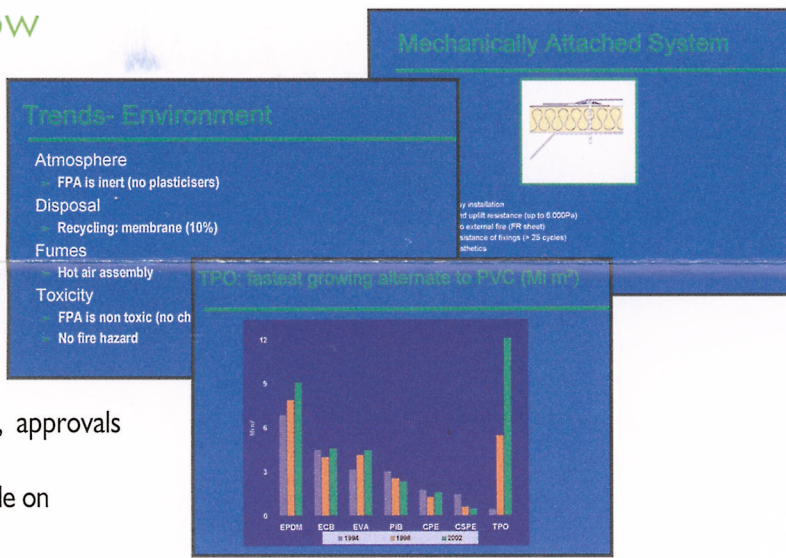
Time is really flying! The Holiday Season already comes near. This quiet period offers a great pleasure: the opportunity to thank those who made our progress possible and wish them all the best for the next year.

Since 1995, the Rubberfuse team has steadily grown. Today, the group includes over 20 companies, all clearly recognised as roofing/waterproofing leaders in their respective country. The Year 2000 appears to be quite exciting. The Marano Ticino plant is now in full operation, most certification programs are over with and a significant number of reference projects, totalling over 2 million m², have been successfully completed all over Europe. With the current trend towards FPA systems, all indications are that Rubberfuse is only bound to grow. We hope next year will be great for all of you. Thanks again and very best wishes to all!



Rubberfuse slide show

To complement the current presentation package (introduction leaflets and technical manual), a comprehensive Rubberfuse slide show is now available. The main topics covered are: roofing market review, company introduction, Sintofol membrane and accessories, roofing and waterproofing systems, installation details, approvals and quality control program. CD copies of the slide show are available on request.



Porsche/Audi goes Rubberfuse

When Porsche Hungaria kft, distributor for Porsche and Audi in Hungary decided to build a new exhibition centre and service facilities in Budapest, they wanted to make sure that the building would reflect the image of the cars they are selling: the design had to be innovative, the materials had to be of top quality with the environment remaining a key concern. Rubberfuse was the obvious choice. Prokorr, approved applicator since 1997, used 2.000 m² of Sintofol ST black for the foundation waterproofing. As the roof of the exhibition hall was a light structure (steel deck on space frame) with changing slopes and wide gutters, the adhered system was selected. A total of 9.000 m² of Sintofol FB grey was used to cover the entire project. J. Dobos, Prokorr's managing director further explains: "Executing a fast project is always a challenge. In this case, a high number of penetrations of all sorts were an additional burden. But we know how to best take advantage of the characteristics of the Sintofol membrane: it welds easily and details can be formed with no hassle. The adhered system is quite appreciated here, as it adapts to various configurations, the aesthetic is pleasing and the installed price is competitive". This project is a nice addition to Imper Italia's list of references in the Magyar country.



New Int'l Base



Since early this year, Rubberfuse International has been operating from its new office. Located 20 km south of Brussels near the Paris highway, the facility provides office space which will allow accommodating several new associates in the future. A separate area is also available for meetings and presentations. We hope to have the pleasure to see you there soon.

Launch in Norway

After a careful evaluation of all aspects of the offer, Ektakon, a leading distributor based in Krokstadelva (Norway) and specialised in waterproofing materials, decided to include Rubberfuse in its product range. Two specific segments of the market will initially be the main target for Ektakon. First the retrofit of loose-laid/ballasted roofs, using Sintofol FB: in addition to the performances of the FPA membrane, the polyester backing eliminates the need to install a separate protective layer on the existing substrate.

Second, the waterproofing of wet rooms: in this market niche also Sintofol offers a clear plus: as it does not contain chlorine or any other toxic component, the hot air seaming process is totally safe for the workers.



The pictures show applicators receiving tuition from Imper Italia's technical representative and Jørnsen Tak's operative probing a welded seam completed with an automatic machine on the first Rubberfuse roofing project installed in Norway.

Nr. 3 / 1999 - 10. årgang

EKTAKON
 presenterer et "grønt" produkt på det norske markedet:

A new generation of synthetic waterproofing membranes. Constant research focused on developing the most appropriate systems to meet customers requirements while being fully environmentally friendly. This research has enabled the technicians at Imper Italia's Rubberfuse division to develop:

SINTOFOIL
 a new generation of synthetic waterproofing membranes.

SINTOFOIL
 er en ny generasjon syntetiske takbelegg og membraner.

Sintofol er en serie takbelegg og membraner basert på fløkalbeil polyolefin (FPO) og inneholder ikke tungmetaller, myknere eller lignende. Produktet har en "grønn profil" helt fra produksjonen, gjennom den lange brukeliden og fram til resirkulering eller forbrenning.

Sintofol produseres av Imper Italia S.p.a., Torino, som har over 50 års erfaring som produsent av asfalt takbelegg. Bl.a. har Imper vært banebrytende når det gjelder APP-modifiserte asfaltbelegg.

Firma Mast s.a. i Belgia tar hånd om all eksport av Sintofol og er representert en lang rekke land i utenfor Europa, mens Imper selv markedsfører Sintofol i Italia.

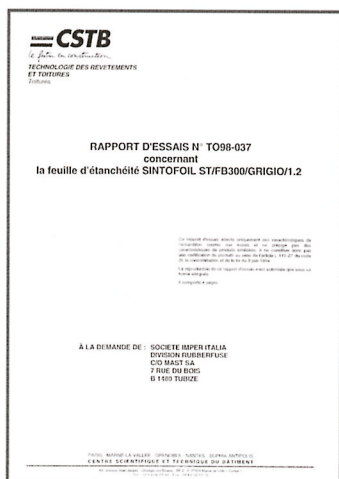
Ektakon har enerett for Sintofol i Norge.

FIT testing

The FIT classification (F/Fatigue, I/Indentation, T/Temperature) is a rating developed as a complement to the French Avis Technique procedure which allows to verify the adequation of the membranes according to the specific use of the roofs. The various parameters taken into consideration are the substrate, the slope, the traffic and the protection type. To that effect, 4 tests are carried out : resistance to cyclic substrate movements (at +20°C, 0°C, -10°C and -20°C°, static puncture, dynamic puncture and temperature.

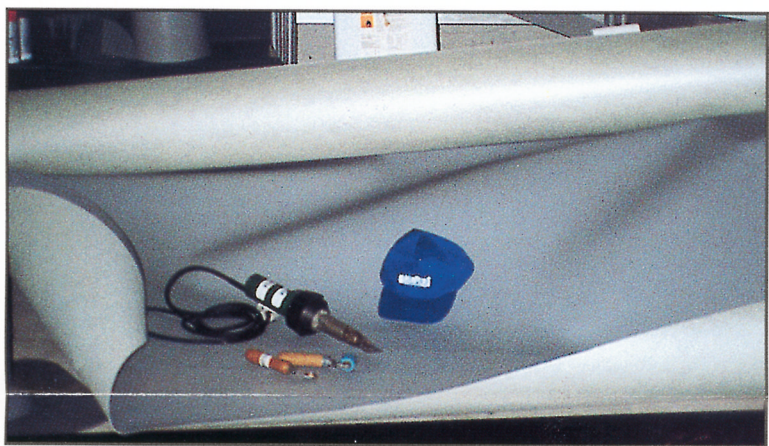
The tests carried out at CSTB indicated the following ratings for Sintofoil membranes:

- Sintofoil ST/1.2 F5 I4 T4
 - Sintofoil FB*/1.2 F5 I5 T4
- *300g/m² polyester fleece backing.



New FB membrane

The Sintofoil FB membrane is now available with a new green fleece backing, made of recycled polyester. This reflects Imper Italia's commitment to develop products with a constant concern for the environment, and there is more good news : the green fleece offers higher performance and improved adhesion to the substrate.



Training in Prague

As part of the set up of the Rubberfuse operations in the Czech Republic, I-FBH has organised the first presentation of their new line to a group of architects and applicators. A hands-on session took place on that occasion, which allowed the attendants to have a first contact with Sintofoil. The most usual comment was "Welding this FPA membrane is easy, and the absence toxic fumes is a clear plus".



I-FBH are confident that the current trend in favour of long term performance and the concern towards environment will allow Rubberfuse to gradually grab a significant share of the quality roofing market.

Last minute

Rubberfuse successfully passed the FM wind uplift test. The mechanically attached system comprising polyethylene vapour barrier, polyurethane insulation and Sintofoil RC membrane has obtained a I-90 rating, the highest for this type of construction. The test was actually interrupted at 165 psf! All details will be provided in the next newsletter.



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Boehringer Centre in Spain

After the first stone's laying in 1996 by Mr Jordi Pujol, President of the "Generalitat de Catalunya", the Boehringer Ingelheim Espana Pharmaceutical Centre, located in Sant Cugat del Vallés, has been inaugurated by the King of Spain on March 22, 1999.

Acieroid, a subsidiary of the Bouygues Group in Spain, has executed this high technology building. With an experience exceeding 100 years in the construction industry and over 3.500 projects installed for more than 3.000 customers, Acieroid is an established leader in its market. The company's activities include the engineering study, supply of materials and execution of industrial and commercial buildings, usually on a turnkey basis.

For the Boehringer project, 470 tons of steel were used for the structure. In order to meet the high quality standards as set by the owner, the Rubberfuse mechanically attached roofing system was selected. 3.100m² of Sintofoil ST were installed on the insulation, with fixings secured in the overlapping seams.

The works went perfectly all right and at the handover, the owner expressed his total satisfaction of Acieroid.



A part of the World's biggest Dome

On the night of 31 December 1999 the eyes of the world will be on Greenwich, London. It is Greenwich that determines that the world has moved into the year 2000. Of course technically the millennium doesn't start until 1 January 2001 but the partying definitely starts on 31 December 1999!

IPS (UK) Ltd are also celebrating the fact that Rubberfuse has been chosen as the preferred roof covering the "Rotunda Building" which is the main entrance to the Dome.

"Once we were aware that the designers had an eye to environmental issues we knew we were on a winner with Rubberfuse", said P. Bowers, managing director of IPS. "It is not a large project, a few thousand square meters in the overall scale of the structure, but it is a very prestigious one. The Dome has created a great deal of interest and we are receiving enquiries daily about Rubberfuse as a result".

All over Europe, environmental concerns, especially in the construction industry, are increasing. Designers, specifiers and clients are becoming more aware of their responsibilities towards the future and the preservation of limited resources. IPS were prompt to recognise this and the environmentally friendly properties of Rubberfuse are constantly being reinforced by the company's publicity department. In addition to its more general advertising, IPS have also seized the opportunity on their web site to promote Rubberfuse in the context of the "green issue". IPS web site can be found at www.ips-UK-ltd.com.



Sintofoil FR – Fire ratings

The fire certification program for Sintofoil membranes keeps going. To date, Testing Certification has been obtained from the following Authorities

• WFRC	United Kingdom	BS 476:-Part 3	EXT.FAA
• IHUM	Germany	DIN 4102, Teil 1	B2
• FMPPA	Germany	DIN 4102, Teil 7	pass
• LCPPP	France	NF P 92-503	M3
• SINTEF	Norway	NT Fire 006	Ta

Further programs are underway, namely

• BDA	Holland	NIN 6063
• LABW	Belgium	NF P 92-501

