EDANA presents a high-level conference and unique business opportunities to support the dialogue across the supply chain of the bitumen waterproofing membranes.

Conference programme
Wednesday 5\textsuperscript{th} June 2019

11.30 > 18.00 REGISTRATION DESK OPEN
Please wear your badge at all times for easier networking

11.30 > 12.00 WELCOME COFFEE

12.00 > 12.15 OPENING AND WELCOME ADDRESS
Pierre Wiertz, General Manager, EDANA (Belgium)

12.15 > 13.00 KEYNOTE SPEECH
FUTURE-PROOFING CONSTRUCTION IN THE AGE OF CHANGE

- Construction in the 21\textsuperscript{st} century - trends and tendencies
- Construction exposure to change and conflicting agendas
- Innovation drivers and trends
- Implications for roofs, roads and infrastructure
- Perspectives on key success factors

Frank Hatzack, Senior Advisor, Copenhagen Institute for Futures Studies (Denmark)

13.00 > 14.00 LUNCH

Let’s Tweet! #EdanaNonwovens #IMPERVIUS19

This programme may be subject to last-minute changes and cancellations. All presentations and moderated sessions will be held in English.
SESSION 1  RAW MATERIALS DEVELOPMENT

MODERATOR
Marc Beuken, Managing Director, Alphamin (Belgium)

14.00 > 14.30  BITUMEN: A SPECIALTY PRODUCT IN TODAY’S REFINING WORLD

- European bitumen demand has reduced significantly during the last 10 years resulting in a significant reduction of bitumen production capacity
- The demands from the end-user is changing with an increased focus on specific quality aspects and bitumen is no longer a “one fits all” product
- The change of HSFO fuel specifications is indirectly affecting the way bitumen is seen in a refinery: bitumen is made on purpose
- Will there be an impact on bitumen quality due to all of these changes?

Wim Teugels, Crude & Feedstock Specialist, Nynas (Belgium)

14.30 > 15.00  PROMOTING PHASE INVERSION IN POLYPROPYLENE/BITUMEN SYSTEMS BY PPA: WATERPROOFING MEMBRANES PRODUCTION

- Phase inversion often of compounds, affinity between polymer/bitumen
- Study of the miscibility by adding phosphorus compounds, especially polyphosphoric acid, which changes the bitumen structure in particular the asphaltene ones

Ines Antunes, R&D Manager, Polyglass (Italy)

15.00 > 15.30  ADAPTING MODIFIED BITUMEN ROOFING SOLUTIONS TO CHANGING RAW MATERIALS SOURCES AND LOCAL REQUIREMENTS

- Higher cost efficiency by using less modifier, more recycle & more filler
- Adapt to various bitumen viscosities and sources e.g. using harder bitumen
- Improved flexibility for ease of installation

Sascha Norden, Market Development Lead, ExxonMobil Petroleum & Chemical (Belgium)

15.30 > 16.00  COFFEE BREAK
SESSION 2  PROCESSING

MODERATOR
Claudio Colombi, Market Manager Construction, Chomarat (France)

16.00 > 16.30 BITUMINOUS WATERPROOFING SHEETS-EUROPEAN SPECIFICATIONS AND GOOD PRACTICE APPLICATIONS: DURABILITY IS STILL AN OPEN QUESTION

- European specification for bituminous waterproofing
- Application technologies
- Normative proposal for successful applications

Alberto Madella, Manager, SITEB (Italy)

16.30 > 17.00 CLEAN AIR SYSTEM – TALE OF A SMELL

- Valli Zabban Trecastelli in the eye of the storm
- A new smart approach to solve the smell issue
- Valli Zabban Trecastelli New air in the valley
- Smart comparison between the different available technology

Giovanni Dalla Torre, Sales Manager, EUROLINE (Italy)

17.00 > 17.30 CARRIER LESS MEMBRANES FOR ROOFING & WATERPROOFING APPLICATIONS

- What are carrier less waterproofing membranes
- Uses for carrier less waterproofing membranes
- Types of carrier less waterproofing membranes
- Methods of production

Joseph Gajc, Global Sales Director, Reichel & Drews (United States)
SOAKED ? .... OPTICAL QUALITY CONTROL OF BITUMEN WATERPROOFING MEMBRANES WILL HELP TO AVOID THIS

- Inspection of the base material (felt paper)
- Continuous monitoring of the bitumen impregnation
- Manual or automatic feedback of defect information to production line to correct process parameters & keep the process within the production window
- 100% storage of production data for quality analysis

Martin Lehmköster, Sales Manager, Dr. Schenk (Germany)

THE EDANA WALKING DINNER AT THE RISTOLOUNGE ELVEZIA ON ISOLA BELLA

Please meet in the lobby of the Grand Hotel Dino at 18.45 hrs

The ideal opportunity for relaxed networking
(Business Casual Dress)

The opinions expressed in the papers presented are those of the authors, and not necessarily those of EDANA. EDANA assumes no responsibility for these opinions or for accuracy of the information contained.
Thursday 6th June 2019

08.30 > 12.00  REGISTRATION DESK OPEN
Please wear your badge at all times for easier networking

08.30 > 09.00  WELCOME COFFEE

SESSION 3  DEVELOPMENT IN MENA REGION

MODERATOR
Grégory Lemaire, Commercial Manager Construction Products, Valéron Strength Film (Belgium)

09.00 > 09.30  GCC: A GROWTH STORY EMBRACING TRANSFORMATION

• Macro review: Change is happening and is radical
• New pockets of growth: Strategic themes for the next decade
• The GCC construction sector: Navigating the short-term, think long

Anthony Hobeika, Chief Executive Officer, MENA Research Partners (United Arab Emirates)

09.30 > 10.00  THE MARKET FOR MODIFIED BITUMINOUS MEMBRANES IN THE MIDDLE-EAST AND GULF REGION

• Historical and current trends
• Main types and popular systems
• Challenges facing manufacturers
• Robustness of the market and the future as we see it

Gaby Gedeon, General Manager, DWI, Dermabit Waterproofing Industries (Saudi Arabia)
SESSION 4  REGULATION & ENVIRONMENTAL OPPORTUNITIES

MODERATORS
Marc Beuken, Managing Director, Alphamin (Belgium)
Claudio Colombi, Market Manager Construction, Chomarat (France)

10.00 > 10.30  KEYNOTE SPEECH
SUSTAINABILITY AND CIRCULAR ECONOMY WITHIN THE ROOFING INDUSTRY: HYPE OR TREND?

- What is sustainability - a trend or hype in society?
- What does sustainability mean in the construction sector and more specifically in the (bitumen) roofing business
- How do you measure/define this (LCA, norms, ...)
- Some examples of sustainable technologies on the market (recycling, biobased, ...)

Hans Aerts, Business Consultant, Hans Aerts Consulting (Belgium)

10.30 > 11.00  COFFEE BREAK

11.00 > 11.30  RECYCLED POLYMER APPLICATIONS IN BITUMINOUS SHEETS: OPPORTUNITIES FOR A CIRCULAR ECONOMY

- Application of powder from end-of-life tires inside bitumen roofing membranes replacing SBS virgin resin
- Solution to improve dispersion and performances
- Real industrial scale production and application

Camillo Cardelli, Chemist, MOPI (Italy)

11.30 > 12.00  CIRCULAR ECONOMY IN THE WORLD OF THE BITUMEN WATERPROOFING – SOURCE OF A NEW RAW MATERIAL

- Origin of the “bitumen waterproofing membranes”
- Process - Collect and treatment
- The new raw material – characteristics and use

Patrick Cogneau, Technical and R&D Director, Derbigum (Belgium)

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