

SAVE THE DATE



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IMPERVIUS™

The Bitumen Waterproofing Conference

Don't miss
the chance to meet,
engage and network
with professionals
in the bituminous
membranes sector.

24 – 25 May 2023

Sitges | Spain

Melia Sitges

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

Conference topics include:

- Market trends
- Regulatory / Recycling
- Production technologies
- Finished products
- Trends / Innovation
- Bitumen / Raw materials



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FOR MORE INFORMATION CONTACT

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SCHEDULE

24 MAY 2023

10.30 – 18.00
REGISTRATION DESK OPEN

10.30 – 11.30
WELCOME COFFEE

11.30 – 11.45
OPENING AND WELCOME ADDRESS

11.45 – 12.30
KEYNOTE SPEECH

12.30 – 14.00
LUNCH BREAK

14.00 – 15.30
SESSION 1: MARKET

15.30 – 16.15
COFFEE BREAK

16.15 – 17.45
SESSION 2: RAW MATERIALS

18.30 – 22.00
THE EDANA COCKTAIL PARTY AT
THE MIRADOR DE LES CAVES

25 MAY 2023

08.30 – 12.00
REGISTRATION DESK OPEN

08.30 – 09.00
WELCOME COFFEE

9.00 – 09.30
KEYNOTE SPEECH

09.30 – 10.30
SESSION 3: TECHNICAL/INNOVATION

10.30 – 11.15
COFFEE BREAK

11.15 – 13.00
SESSION 3: TECHNICAL/INNOVATION

13.00 – 14.30
FAREWELL LUNCH

Wednesday 24th May 2023

10:30 - 18:00 REGISTRATION DESK OPEN

10:30 - 11:30  WELCOME COFFEE

11:30 - 11:45 **OPENING AND WELCOME ADDRESS**

Murat Dogru, General Manager – EDANA (Belgium)



11:45 - 12:30 **KEYNOTE SPEECH**

CIRCULARITY APPLIED TO THE CONSTRUCTION SECTOR

Gilli Hobbs, Associate Director – Reusefully (United Kingdom)



- Introduction to Circular Economy in the context of sustainable development
- Circularity and construction overview – definitions, context, legislative background, ongoing/future policy development
- Focus on life cycle stages and opportunities to apply circularity at specific points – design, installation, maintenance, refurbishment, end-of-life/ use
- Case studies and other examples of reuse, recycling – targeting roofing, membranes, bituminous material (as applicable)
- Innovation, research and development and other next steps/ conclusion

12:30 - 14:00  LUNCH BREAK

14:00 – 15:30 SESSION 1: MARKET

Moderator



Grégory Lemaire, Global Segment Manager – Construction - Valéron Strength Films

14:00 - 14:30

Situation and forecasts of the European Construction Market



- The European construction sector is headed for two years of stagnation (2023+2024)...
...but will keep producing at the highest levels of the last 20 years
- The best performing subsectors will be building renovation and civil engineering
- New housing construction will cool down after being in the spotlight in the last few years
- Non-residential construction will struggle to recover the levels of 2019

Josep Fontana, Head of Market Research - ITeC and Spanish member of Euroconstruct (Spain)

14:30 - 15:00

Bitumen price and supply/demand developments in evolving oil market conditions



- Recent bitumen price trends in relation to high-sulphur fuel oil and crude
- European bitumen demand trends since the pandemic and how 2023 is shaping up
- The impact of sanctions on Russian crude, feedstocks and bitumen exports on bitumen production and pricing
- Supply/demand trends in key African bitumen markets

Keyvan Hedvat, Europe/Africa Editor, Argus Bitumen (United Kingdom)

15:00 - 15:30

Modified bitumen roofing membranes, a great Italian history



- The 50's: state of the art of waterproofing in Italy
- The 60's: the "atactic pp" and the birth of modified bitumen roofing membranes
- The 70's: the years of "adolescence"
- The 80's: the years of "development"
- The 90's: the years of "maturity" and new millennium prospecting

Massimo Schieroni, Consultant, ex-CEO of IMPER Italia, President of SITEB - Gruppo PRIMI Association (Italy)

15:30 - 16:15



COFFEE BREAK

16:15 – 17:45 SESSION 2: RAW MATERIALS

Moderator



Thomas Miowsky, Portfolio Manager – Johns Manville

16:15 - 16:45

Atactic polypropylene (APP) bitumen-modified membranes offer sustainability benefits



- New ExxonMobil Product Solutions organization
- Study to understand better the fit of Vistamaxx[™] performance polymer in bitumen for APP Bitumen Modified Membranes
- Sustainability benefits

Anne Villard, EMEAF Senior Market Developer - Construction & Specialties Lead - ExxonMobil Chemical (France)

16:45 - 17:15



Properties and benefits of using lightweight fillers / microspheres in bitumen waterproofing membranes

The paper will showcase in different Bitumen Waterproofing Membranes how lightweight fillers / microspheres based on closed cell expanded perlite leads to:

- Key properties such penetration, softening and flexibility can be enhanced by using closed-cell expanded perlite allowing to increase recycled materials in final formulation
- Roll weight reduction which may be handled and installing easily, keeping the geometrical characteristics of the product
- Rheology improvement with excellent dimensional stability and thermal properties enhancement
- Possible to increase emittance and solar reflectance index of membranes being very sustainable solution in big cities reducing the heat island

David Gonzalez Amago, Director Global Business Development Lightweight Fillers - Omya (Spain)

17:15 - 17:45



New developments for sustainable roofing membranes

- Sustainable roofing membranes with SBS
- New SBS types based on renewable feedstocks
- Technological developments in SBS modified roofing membranes

Erik Scholten, Sales Director Performance Products EMEA - Kraton Polymers Nederland (The Netherlands)

18:30 - 22:00

THE EDANA COCKTAIL PARTY AT THE MIRADOR DE LES CAVES

Buses depart from the Melia Hotel at 18:30 (please wear your badge)

(Business Casual Dress)



In the heart of the Penedès, with views of Montserrat and the plain, the Mirador de les Caves is surrounded by nature and vineyards. The ideal location for relaxed networking.

Thursday 25th May 2023

08:30 - 12:00 REGISTRATION DESK OPEN

08:30 - 09:00  WELCOME COFFEE

09:00 - 09:30

KEYNOTE SPEECH

EU SINGLE MARKET FOR CONSTRUCTION PRODUCTS - CURRENT RULES & FORESEEN CHANGES



Christophe Sykes, Director General - Construction Products Europe (Belgium)

- Intro: Construction Products Europe, who/what
- Overview all EU construction-related initiatives incl. new (March) EC Transition Pathway for a resilient, greener and more digital construction ecosystem
- CPR revision, who/what/when
- CPR acquis process, who/what/when
- Sustainability declaration, from voluntary EPDs to mandatory indicators

09:30 – 13:00 SESSION 3: TECHNICAL/ INNOVATION

Moderator

Marc Beuken, Business Development Director – Alphamin (Belgium) and Chair of the EDANA Bituminous Membranes WG



09:30 - 10:00

New rheological approach to formulate bituminous compound with REOBs



- The compatibility of bitumen with the selected additives is a key aspect to have a control on final compound properties: To assess the interaction between the different materials, an approach based on calorimetry was used. The method developed was a step-by-step build-up of the final formula, analyzing each contribution with typical polymer modified bitumen lab tests combined with DSC investigation
- As a deepening, rheological tests were performed in order to have an overall result on the material behavior in different ranges of temperature, stress or strain

Ines Antunes, R&D Director – Polyglass – Mapei Group (Italy)

10:00 - 10:30



Flame retardant bitumen membranes: the key role of the textile support in combination with mineral FR

- Fire barrier textile support
- MDH flame retardant for bitumen
- Char forming
- Laboratory scale fire testing

Vanessa Matteucci, PhD in Chemistry and Material Science – **IPOOL (Italy)**

10:30 - 11:15



COFFEE BREAK

11:15 - 11:45



Bitumen: a building product ready for the future

- The bitumen market is in transition
- In the current economic climate, with various countries under supply sanctions, refineries must adapt to the situation
- However, the level of flexibility is not infinite, what can be the impact on bitumen?
- Supply security, consistent quality are main concerns
- What can be done to reduce the risks?

Wim Teugels, Crude and Feedstock Analyst, **Nynas (Belgium)**

11:45 - 12:15



Biobased, a future for bitumen?

- Biobased alternatives for bitumen
- Can we promise same product performances in a sustainable world
- Pro and con's of biobased bitumen
- Biobased bitumen, a real sustainable alternative?

Dr. Hans Aerts, Director Bitumen Technology, **BMI Group / HAConsulting BV (Belgium)**

12:15 - 12:45



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)**

12:45 - 13:00

Inspiration for the future from the BIS Team



Marc Beuken, Business Development Director – Alphamin (Belgium) and Chair of the EDANA Bituminous Membranes WG

13:00 - 14:00



FAREWELL LUNCH

EDANA would like to thank the members of the Bituminous Membranes WG for their help in setting-up this programme.