



# DEVELOPING SUSTAINABLE TISSUE SOLUTIONS

**weko**

Liquid application  
with non-contact  
application system

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Chemical solutions  
adapted to precise  
needs

# BIM Solutions

*using liquid application via*

## WEKO-Fluid-Application-System (WFA)

# WEKO Systems & BIM Products



BIM and its customers have for a long time experienced the benefits of the  
**WEKO-Fluid-Application-System (WFA)**  
primarily in the Tissue Paper Converting Industry



- Tissue lotions
- Tissue balms
- Tissue converting adhesives
- Tissue laminating adhesives
- Fragrances

# Benefits of WEKO System

- Non-contact application protects the web material and keeps the liquid quality constant
- Exact and controlled application of defined quantities, even at minimal levels
- Reproducibility / consistency of application amount
- Allows easy product changes and automated speed adaption
- Introduces flexibility into production schedules
- Automated cleaning functions
- User friendly and low maintenance
- Low energy consumption



# BIM / WEKO Customer Applications



- **Tissue lotions** - for smoothness – dermatologically approved – silicone and non-silicone-based – 100% sustainable options – marketing additives
- **Tissue balms** - for skin transfer – containing emollients - dermatologically approved – 100% sustainable options - marketing additives
- **Tissue converting adhesives** - enhanced with fragrance and marketing additives
- **Tissue laminating adhesives**
  - *Decolamination*
  - *Fragranced*
- **Fragrances**
  - *Customised scent*
  - *Allergen-free*
  - *Microencapsulated options for longevity*





# BIM Product Range for the Tissue Industry



## ■ Softness Improvement

- *Wet end softeners*
- *Debonders*
- *Lotions & balms*

## ■ Adhesives

- *Core winding*
- *Core pick up*
- *Sheet lamination*
- *Deco lamination*
- *Tail Seal*
- *Hot Melt*
- *Speciality adhesives*

## ■ Process hygiene

- *Microbiological control*
- *Microbiological preservation*
- *Deposit control & cleaning*

## ■ Dust Control & Printability

## ■ Strength Generation

- *Dry Strength*

## ■ Fragrance Oil

- *Micro encapsulation*

## ■ Foam control

# BIM Product Range for Pulp & Paper



## Pulp



- Antifoam
- Antipitch
- Brightness improvement
- CTO improvement
- Fibre protection
- Scale control

## Paper & Board



### Process chemistry

- Boil outs
- Cleaning agents
- Colloidal retention
- Deaeration and foam control
- Fabric cleaning and conditioning
- Microbiological control
- Organic and inorganic deposit control
- Press roll treatment

### Functional chemistry

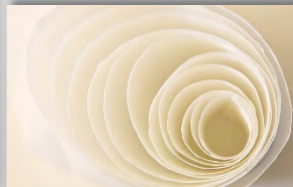
- Bulk improvement
- Dry strength
- Internal sizing
- Printability enhancement

## Surface



- Barrier treatment
- Coating additive
- Coating foam control
- Deposit removal
- Flame suppression
- Friction control
- Paper adhesives
- Size press additive
- Special binder
- Special coating

## Tissue



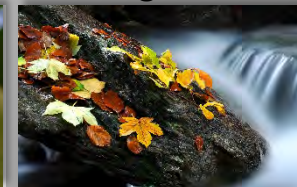
- Absorbency rate improvement
- Balm
- Core pick up adhesive
- Core winding
- Fragrance
- Lotion
- Sheet lamination
- Softness improvement
- Tail seal adhesive

## Moulded Fibre



- Adhesives
- Deaeration
- Dewatering improvement
- Dry strength
- Friction control
- Grease repellence
- Inorganic deposit control
- Microbiological control
- Organic deposit control
- Stiffness improvement
- Surface release
- Water repellence

## Deinking



- Alternative alkali
- Catalase control
- Defoamer
- Deinking agents
- Sludge drainage
- Stickies control

# This is BIM

A family owned entrepreneurial  
specialty chemical company supplying  
the pulp and paper industry with  
sustainability in focus.



We work and deliver through  
**Flexibility & Cooperation**

“Small enough to  
listen, big enough  
to act”



# Your Green Chemistry Partner



With new ideas and smart solutions, we create the future of **green chemistry**

*We help the pulp and paper industry to develop new and long-term sustainable products and processes with high quality and a positive overall contribution to society.*

# Sustainable Palm Oil Sourcing

In 2014 BIM UK was the first UK company producing lotions to become a member of RSPO.



*“There is in an ever-urgent need and growing global concern that commodities are produced without causing harm to the environment or society. RSPO certification is an assurance to the customer that the standard of production is sustainable”*

<https://rspo.org>