

# OMB ORGANO MINERAL BINDER

ECOLOGY & EXCELLENCE



vanBaerle AG | 18.08.2022 | Münchenstein

**vanBaerle**

Better. For you.

# ORGANO MINERAL BINDER

INOCOT OMB is a waterborn binder system designed to be used in architectural coatings formulations. In an attempt to revolutionise the formulation of façade and wall coatings, vanBaerle – in cooperation with the nearby Life Sciences department of the University of Applied Sciences Northwestern Switzerland – developed the Organo Mineral Binder.

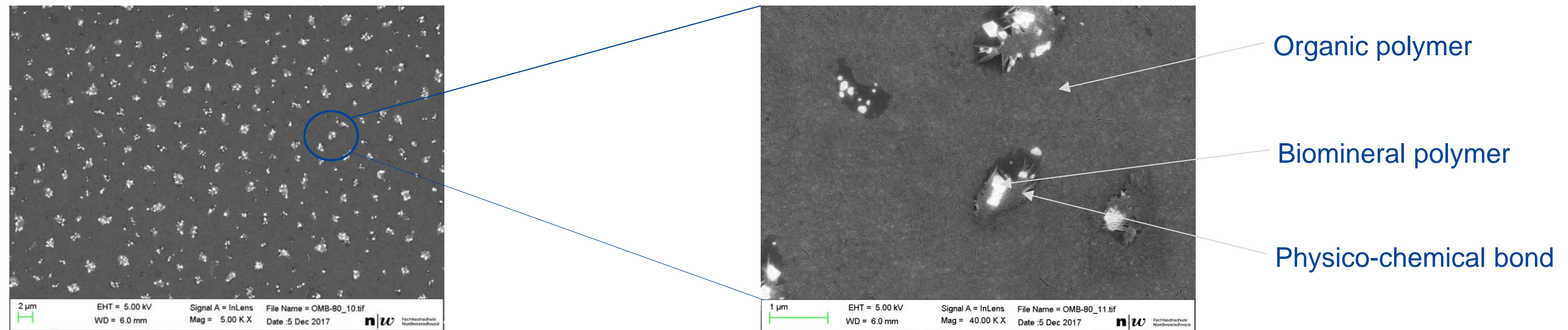
OMB is...

- 20% is made up of a **biomineral** polymer produced with CO<sub>2</sub> free energy
- completely biocide free (0 ppm)
- free of solvents (<100 ppm free monomers)





# BONDING OF COMPONENTS



Product	Intended Use	Tg Value	Solid Content	pH Value
INOCOT OMB 127	Facade coatings	5°C	46.2%	11.4
INOCOT OMB 128	Versatile	2°C	48.0%	11.4
INOCOT OMB 130	Wall coatings	4°C	46.5%	11.4

Opposing to other similar technologies, INOCOT OMB does form a physico-chemical bond between the organic and biomineral polymer and hence offers a unique range of properties.



# ARCHITECTURAL OMB PAINTS

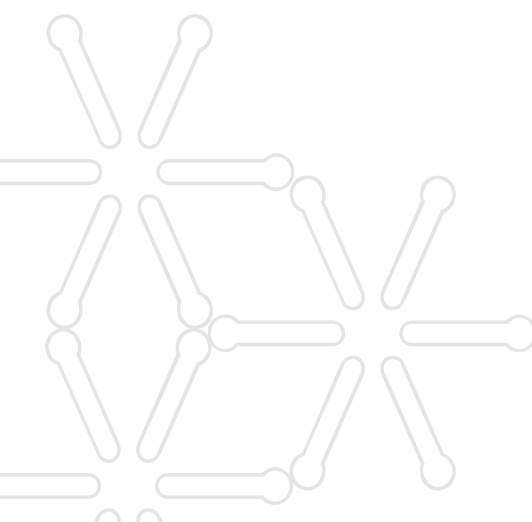
— Architectural coatings formulated with vanBaerle's INOCOT OMB technology...

...feature:

- premium adhesion on mineral and organic substrates  
(cross cut 0 / ASTM 5B)
- very low liquid water absorption  
(W24 0.023)
- outstanding water (im)permeability  
(V1 ; W3 ; NF EN 1062-1)

... are:

- extremely versatile (substrates, gloss degree, pigmentation, applications)
- produced at highest-quality paint producers in Europe





# INOCOT OMB TECHNOLOGY

INOCOT OMB with its unique features does enable paints to excel at key properties while shaping [#thefutureincolour](#).



absolute eco-friendliness



high flame retardancy



extreme reliability



first class dirt pick-up resistance



excellent weather (UV) resistance