

Innovations for Future Concrete



Omnicon
GROUP

Members of the Omnicon GROUP



Omnicon

Manufacturer of color pigments and admixtures



QAV^{ER}tec

Manufacturer of testing equipments



OT^E

System partner for surface protection



BKS

Testing and development laboratory

The interaction of
the four
companies and
the combination
of ideas,
products and
innovations
makes the
Omnicon GROUP
so special!



Omnicon A/S - Strong in color pigments and admixtures

At our production site in Sønderborg, Denmark, we manufacture state-of-the-art pigments and color preparations as well as admixtures for the concrete industry. We do not only manufacture standard colors, but also colors according to individual customer requirements and in container sizes of all kinds. Our own joint venture for iron oxide production in China ensures our raw material supply at all times.

- **Colors**
- **Admixtures, release and care agents**
- **Dosing equipment**
- **Contract manufacturing**



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Our colors

Range of pigments

Mostly crystalline compounds formed in technical melting and crystallization processes.

- Iron oxide Yellow FeOOH
- Iron oxide Red Fe_2O_3
- Iron oxide Black Fe_3O_4
- Titanium dioxide White TiO_2
- Chromium oxide Green Cr_2O_3
- Cobalt spinel Blue CoAl_2O_4
- and other mixed oxides
- Carbon
- Phthalocyanine
- Ultramarine

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Color preparations

	Powder	Liquid	Granules
Iron oxide yellow/red/anthracite	✓	✓	✓
Iron oxide mix orange-brown	✓	✓	✓
Titanium white Anastas	(✓)	(✓)	X
Titanium white Rutil	✓	✓	✓
Special shades green/blue	✓	✓	X

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Admixtures, release and care agents

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Group 1	Group 2	Group 3
Earth moist	Fluid	Fluid earth-moist
Concrete products	Ready-mixed concrete	Combined products
Examples: paving stones, split stones, curb stones, design elements, etc.	Examples: ready-mixed concrete, precast concrete, wet cast products, etc.	Examples: hermetic products (poured face concrete on earth-moist base concrete)

Product examples: Hydrophobic agents, flow agents,
concrete plasticizers, water repellents, retarders,
accelerators, air entraining agents, mould oils, care products
for production boards, etc.

Certified quality

We are certified according to:

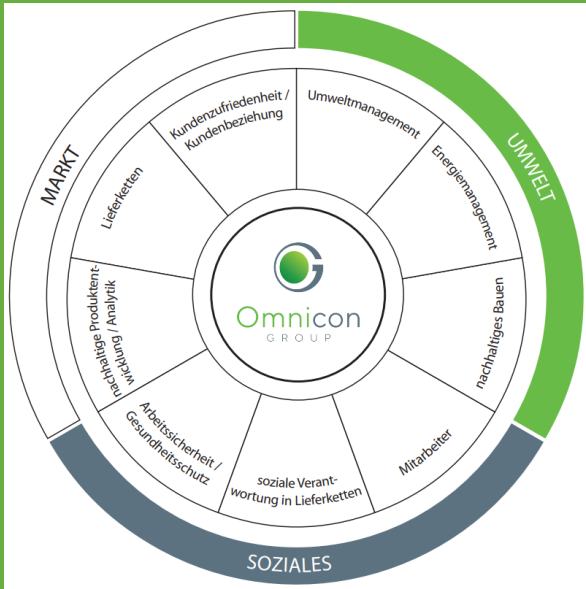
- ISO 9001:2015
- DIN EN 12878 and EN 934 admixtures for concrete
- Registered under Reach

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Sustainability



Focus:

Environment

- Water recycling
- Photovoltaic
- Saving energy

Social skills

- Safety
- Responsibility
- Education

Market

- Supply chains
- Analytic
- Satisfaction

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Manufacturer of testing equipment for fresh concrete

Innovative measuring systems for testing of fresh concrete

QAVER® I mobile, QAVER® I light, QAVER® I base, DARRER®

Analysis tool for quality optimization

- used on the fresh concrete
- quality check of the freshly produced concrete product
- reduction of complaints/substandard goods to optimize costs
- Support to machine operator
- Digital control of all results via network
- Marlux is currently using 2 QAVER machines

Documentation software

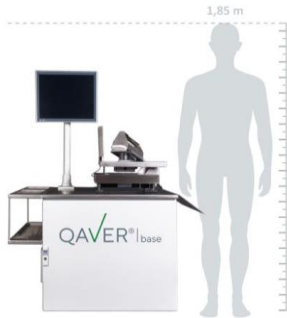
Moisture detection with the new DARRER®

QAVER®tec

Innovative
measuring systems

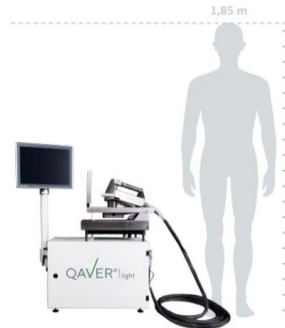


Different QAVER models



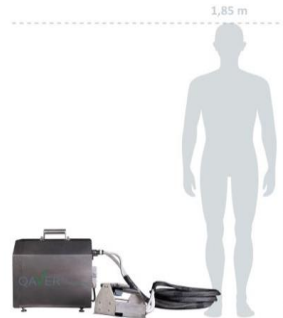
QAV^{ER}base

The compact one
The QAVERbase is broadly equipped



QAV^{ER}light

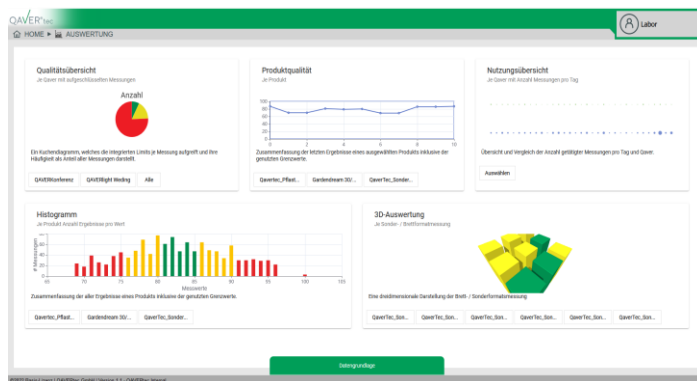
The flexible one
The QAVERlight is individually configurable



QAV^{ER}mobile

The portable one
The QAVERmobile is perfect for getting started with the QAVER-technology

Innovative
measuring systems



Customized systems for surface protection

- Coating systems for all kinds of paver, slabs, roof and fiber cements
- Development of individual, industrially applicable protection systems in cooperation with our customers
- Wet and dry-side application, 5 quality levels
- Application process consulting
- Specially developed testing procedures to determine quality levels



Customized surface
protection



Test and development laboratory

BKS is an independent testing and service company with a focus on building material testing technology and advice for application technology. We support companies in complying with specified standards or in achieving individual quality goals. We have our own laboratory with the latest technology and specialists with many years of experience in the concrete sector.

- Construction material testing and controlling
- General construction management
- Expert reviews
- Consultant reports
- Quality assurance of surface protection for concrete goods

Quality assurance
of concretes and
coatings

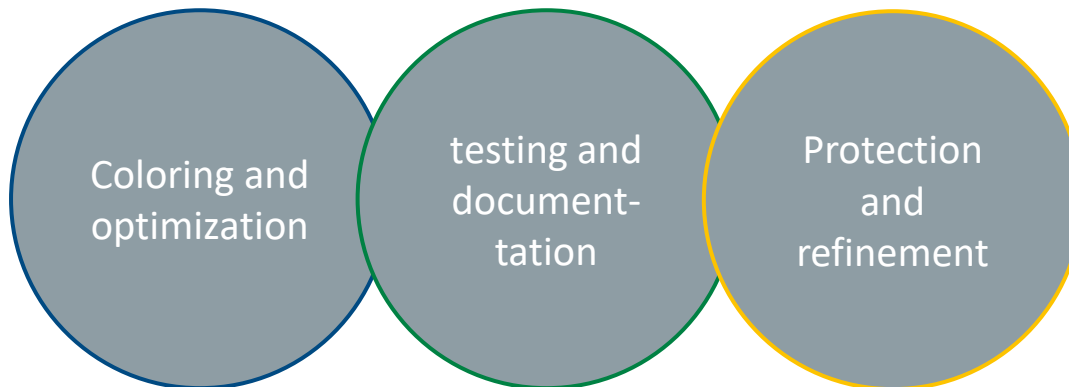


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Our partners profit from our experience and our synergies

- Optimizing recipes based on aggregates and admixtures
- Documentation, controlling of the expected concrete characteristics with the QAVER technology
- Customized surface protection systems and support during implementation, production and processing

Experience and synergies





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Thank you
for your attention

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