



Porplastic

The sports brand by **viacor.**

PORPLASTIC*RACE*

RUNNING TRACKS FOR BEST PERFORMANCE

OUTDOOR COATINGS FOR TRACKS & MULTIFUNCTIONAL PLAYING FIELDS



VIACOR VISION

A DYNAMIC ORGANISATION WHICH
LIVES FOR SPORT

PORPLASTIC — the sports brand by VIACOR

The complete range of classical industrial floor coatings ranges from parking deck systems and decorative flooring to sports flooring systems for running tracks, multi-purpose playing fields and tennis courts as well as impact-absorbing surfaces for playgrounds. The products are manufactured in Germany and also Malaysia to service the Asian market.

We have over 50 years' experience of sports surfaces for indoor and outdoor areas and have installed over 80 million square meters of PORPLASTIC sports' surfaces, with the most diverse projects extending from Hong Kong to Trinidad and India to Hawaii, USA.

Most PORPLASTIC running tracks are IAAF certified, with Class 1 or Class 2 certificates. For world championships and olympic games a "Class 1" certificate is required.



- Worldwide references
- IAAF certified systems
- Outdoor sports surfaces for all requirements
- Special systems for individualized objects

For more than five decades, PORPLASTIC PUR/rubber granule systems have achieved an excellent track record as sporting surfaces used in mass sports (school sport facilities, running and run-up tracks, playing fields for ball sports and multi-purpose playing fields, tennis courts, etc.) as well as the optimum surface for pros when performing during top-class level national or international competitions and tournaments.

These systems are just as suitable for new installations as they are for the revitalisation or renovation (retopping) of existing surfaces in all climate zones.

In-house product development, manufacture and installation from one single source are the best assurance of state-of-the-art, cost-effective, durable and environmentally friendly sports flooring systems.



RUNNING TRACKS MADE FOR RECORDS

FASTEST TRACKS FOR
TOP-ATHLETES!

PORPLASTIC *RACE* professional systems fulfill highest requirements for competitive sports.

Our offer is not only limited to high-quality products, but also includes entire system solutions, installed by PORPLASTIC licence partners using state-of-the-art technologies, based on a track record of over 50 million m² of successfully installed sports floors.

All Porplastic systems meet both national and international standards (e.g. EN 14877, DIN 18035 part 6 or IAAF), are tested by independent institutes, associations and organisations and are subject to constant internal and external quality control.

PORPLASTIC *M olympic*
PORPLASTIC *SW competition*
PORPLASTIC *SB economic*



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FULL-PU-SYSTEMS

PORPLASTIC *M olympic*
PORPLASTIC *M olympic gold*

The ultimate running tracks
for record times

- 👍 System thickness approx. 13 - 18 mm
- 👍 Certified according to IAAF
- 👍 Tested in accordance with EN 14877 and DIN 18035-6
- 👍 Water-impermeable, pore-filled
- 👍 Constantly spike-resistant
- 👍 Dynamic elasticity



FIELDS OF APPLICATION

- Running tracks and run-up tracks
- Short distance tracks
- For international competitions
- For tournaments at top-class level
- Athletic sport areas type A, B und C



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Further information at
www.viacor.de

SANDWICH CONSTRUCTION

PORPLASTIC **SW competition**
PORPLASTIC **SW smart**

The optimum sports surface for schools and clubs
with tracks for competition

- 👍 System thickness approx. 13 - 17 mm
- 👍 Certified according to IAAF
- 👍 Tested in accordance with EN 14877 and DIN 18035-6
- 👍 Water-impermeable
- 👍 Extremely spike-resistant
- 👍 Excellent conditions even when wet or raining



FIELDS OF APPLICATION

- Running tracks and run-up tracks
- Short distance tracks
- For use in mass sports and competitions
- For school sports facilities
- Athletic sport areas type A, B and C



STRUCTURAL SPRAY COATING

PORPLASTIC **SB economic**
PORPLASTIC **SB plus**

Economic spray coating for municipal tracks and schools with sport areas

- 👍 System thickness approx. 13 - 16 mm
- 👍 Certified according to IAAF
- 👍 Tested according to EN 14877 and DIN 18035-6
- 👍 Water-permeable or water-impermeable
- 👍 Spike-resistant
- 👍 Anti-skid granulated surface



FIELDS OF APPLICATION

- Athletic sports area type B + C
- Short distance running tracks
- Running / run-up tracks
- Sports fields
- Ideal for revitalisation and renovation (retopping)



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Further information at
www.viacor.de

MULTI- FUNCTION & MORE

GAMES & COMPETITION

THE ALLROUNDER FOR OUTDOORS!

For every type of sports

For many years we have developed sport flooring systems that fulfil all requirements. Our allround sports floorings for playing fields and running tracks are cost effective possibilities for schools and clubs. Only low maintenance is required and nearly all sports can be performed.

The ideal sports ground for everyone: soccer, handball, tennis, rugby, basketball, athletics, school sports and more

PORPLASTIC *2S game + track*

PORPLASTIC *EP court*

PORPLASTIC *multitop*



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MULTIFUNCTIONAL COATINGS

PORPLASTIC **2S game + track** PORPLASTIC **EP court**

Perfect multifunctional floorings for game, fun and sport

- 👍 System thickness approx. 15 - 20 mm
- 👍 Tested according to EN 14877 and DIN 18035-6
- 👍 Water-permeable
- 👍 Extremely abrasion-resistant
- 👍 UV- and weather-resistant
- 👍 Available in many colours

FIELDS OF APPLICATION

- Mini pitches
- Multi-purpose playing fields
- Playground surfaces
- School sports facilities
- Running / run-up tracks for use in mass sports

PORPLASTIC **multitop**

The INDOOR coatings for OUTDOORS



Further information at
www.viacor.de

ALL SYSTEMS AT A GLANCE

PORPLASTIC *M olympic*

World-class surface: Full PUR-bound cast coating, water-impermeable, can handle the toughest constant stresses applied by spikes, granulated surface for dynamic footing under all weather conditions, excellent appearance.

Running/run-up tracks for international competitions and tournaments at top-class level. Complies with EN 14877 and DIN 18035-6, type E, IAAF-tested and certified.

- Structured cast coating (3 – 5 mm)
PORPLASTIC C570, spread with with EPDM granules (granulation 1 - 4 mm)
- Cast coating (multiple layer, approx. 5 mm each)
PORPLASTIC C570, spread with recycling rubber granules (granulation 1 – 4 mm)
- Adhesion primer (optional)
PORPLASTIC P270 for asphalt
VIASOL EP-P210 for concrete, curbs, small areas
- Bound subbase (asphalt)

Total thickness: 13 – 18 mm



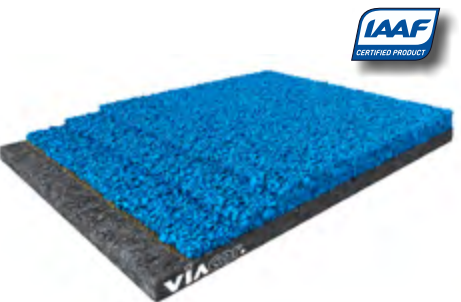
PORPLASTIC *M olympic gold*

The ultimate running track: Massive, one or multilayer full PU-bound system, all layers with coloured EPDM granules (with better environmental properties than recycling rubber granules), water-impermeable, hard-wearing, long-lasting, granulated surface for anti-slip properties, can handle constant toughest stresses by spikes, dynamically elasticity, excellent appearance

Running/run-up tracks for international competitions and tournaments at top-class level. Complies with EN 14877and DIN 18035-6, type E, IAAF-tested and certified.

- Structured cast coating (3 – 5 mm)
PORPLASTIC C570, spread with with EPDM granules (granulation 1 – 4 mm)
- Cast coating (multiple layer, approx. 5 mm each)
PORPLASTIC C570, spread with EPDM granules (granulation 1 – 4 mm)
- Adhesion primer (optional)
PORPLASTIC P270 for asphalt
VIASOL EP-P210 for concrete, curbs, small areas
- Bound subbase (asphalt)

Total thickness: 13 – 18 mm



PORPLASTIC *SW competition*

High-performance system, water-impermeable, sandwich construction, extremely spike-resistant, structured surface, providing outstanding conditions for training and competition when wet and raining.

Running/run-up tracks for use in mass sports and competitions, multi-purpose playing fields, retopping. Complies with EN 14877 and DIN 18035-6, type D, IAAF tested and certified.

- Structured cast coating (3 – 5 mm)
PORPLASTIC C570, spread with EPDM granules (granulation 1 – 4 mm)
- Pore sealing
PORPLASTIC L370
- Elastic layer (10 – 12 mm)
PORPLASTIC T770 / T776 with recycling rubber granules
PORPLASTIC SBR 1 – 4 mm
- Adhesion primer (optional)
PORPLASTIC P270 for asphalt
VIASOL EP-P210 for concrete, curbs, small areas
- Bound subbase (asphalt)

Total thickness: 13 – 17 mm



PORPLASTIC *SW smart*

Sandwich construction consisting of an elastic mat, pore sealer and cast coating spread with coloured EPDM-granules, water-impermeable

Running/run-up tracks for use in mass sports and competitions, multi-purpose playing fields, retopping. Complies with IAAF requirements.

- Structured cast coating (3 – 5 mm)
PORPLASTIC C570, spread with EPDM granules (granulation 1 - 4 mm)
- Pore sealing
PORPLASTIC L370
- Elastic mat (ca. 10 - 12 mm)
PORPLASTIC SW smart mat
PORPLASTIC B976
- Adhesion primer (optional)
PORPLASTIC P270 for asphalt
VIASOL EP-P210 for concrete, curbs, small areas
- Bound subbase (asphalt)

Total thickness: 13 – 17 mm



PORPLASTIC *SB economic*

Elastic layer with structural spray coating, water-permeable, spike-resistant, anti-skid granulated surface.

Running/run-up tracks, sports fields, ideal for revitalisation and renovation (retopping). Complies with EN 14877 and DIN 18035-6, type A, IAAF-tested and certified.

- Structural spray coating (2 applications)
PORPLASTIC S670 with EPDM granules (granulation 0.5 - 1.5 mm)
- Elastic layer (12 – 15 mm)
PORPLASTIC T770 / T776 with recycling rubber granules (granulation 1 – 4 mm)
- Bound subbase (mostly asphalt)
primed using PORPLASTIC P270

Total thickness: 13 – 16 mm



PORPLASTIC *SB plus*

Elastic base mat with pore sealer and coloured spray coating, water-impermeable, spike-resistant, anti-skid granulated surface.

Running/run-up tracks, sports fields, ideal for revitalisation and renovation (retopping). Complies with EN 14877 and DIN 18035-6, type A, IAAF-tested.

- UV-sealing (optional)
PORPLASTIC S620
- 2x structural spray coating (ca. 1-2 mm)
PORPLASTIC S670 / S675 with
PORPLASTIC EPDM 0.5 - 1.5 mm and powder
- pore sealer (ca. 0.1 mm)
PORPLASTIC L370
- elastic layer (ca. 11-16 mm)
PORPLASTIC T770 / T776 with
PORPLASTIC SBR 1 – 4 mm
- bound sub-base (mostly asphalt)
primed using PORPLASTIC P270 for asphalt
VIASOL EP-P210 for concrete, curbs, small areas

Total thickness: 13-16 mm



PORPLASTIC *EP court*

Single-layer PUR/EPDM coating, homogeneous, coloured, water-permeable, extremely abrasion-resistant, UV and weather-resistant.

Small and multi-purpose playing fields, playing areas, particularly suitable for revitalisation, also ideal for tennis. Complies with EN 14877 and DIN 18035-6, type C.

Structural spray layer (10 - 20 mm)
PORPLASTIC S670 with coloured EPDM granules (granulation 1 – 3 mm or 1 – 4 mm)
Bound subbase (mostly asphalt) primed using PORPLASTIC P270/P274

Total thickness: 10 – 20 mm



PORPLASTIC *2S game + track*

Elastic layer plus homogeneous coloured EPDM wearing layer, water-permeable, having a porous, relatively smooth surface, extremely abrasion-resistant, UV and weather-resistant.

Multi-purpose playing fields, small playing fields, playground surfaces, running/run-up tracks particularly for combined school sports facilities. Complies with EN 14877 and DIN 18035-6, type B.

Wearing layer (6 – 8 mm)
PORPLASTIC T770 with coloured EPDM granules (granulation 1 – 3 mm)
Elastic layer (9 – 12 mm) adjustable elasticity
PORPLASTIC T770/T776 with recycling rubber granules (granulation 1 – 4 mm)
Bound subbase (mostly asphalt) primed using PORPLASTIC P270

Total thickness: 15 – 20 mm



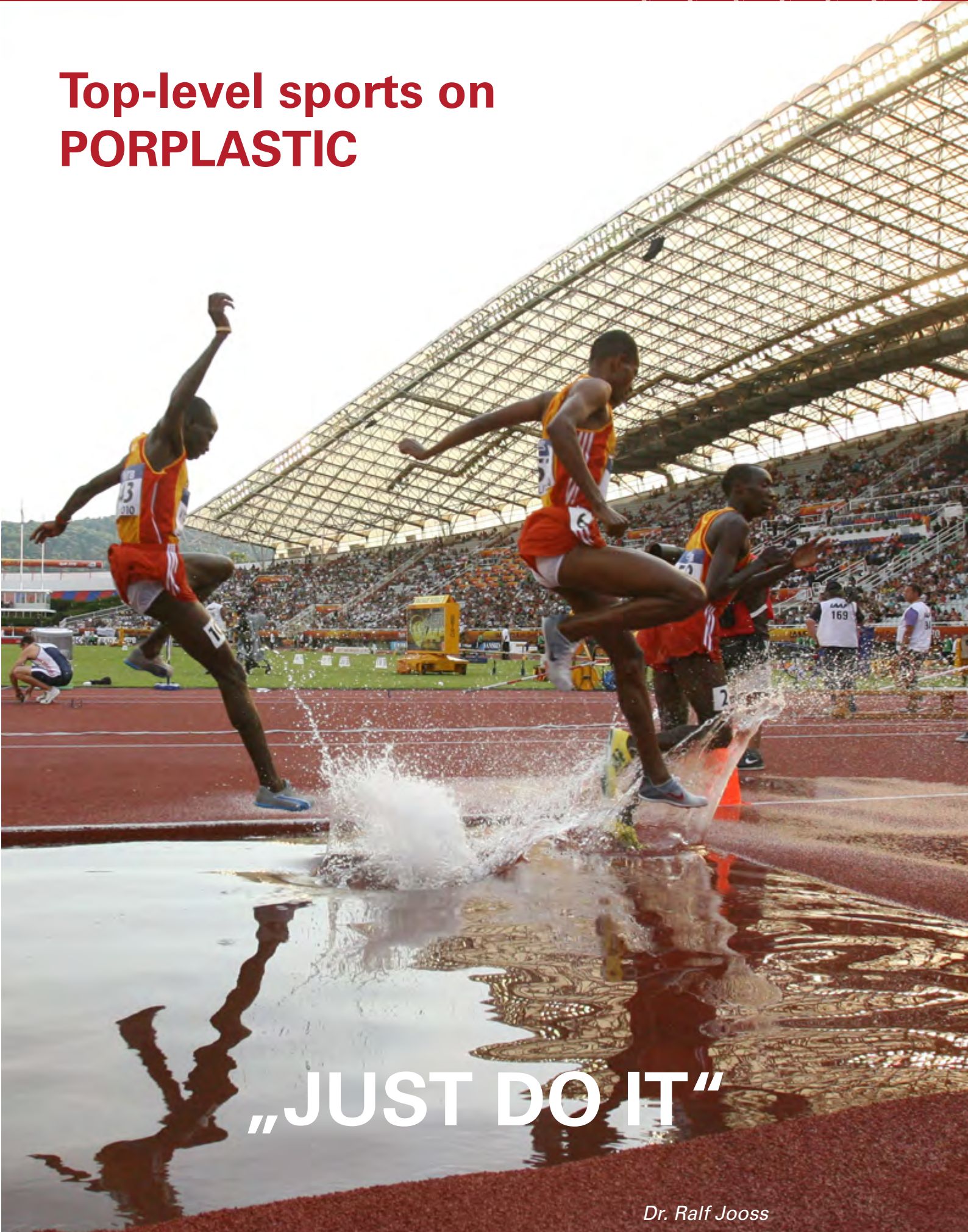
PORPLASTIC *multitop SW*

Sandwich construction consisting of an elastic layer, pore sealer, self-levelling coating and multitop spray coating, water-impermeable

Multi-purpose playing fields, small playing fields, playground surfaces, running / run-up tracks for use in mass sports

Anti-skid multitop (ca. 0.5 mm)
PORPLASTIC S6085 SR
Self-levelling (ca. 2 – 3 mm)
PORPLASTIC C524 / C523 (Körnung 1 – 4 mm)
Pore sealer (ca. 0,1 mm)
PORPLASTIC L370
Elastic layer (ca. 10 – 12 mm)
PORPLASTIC T770 / T776
PORPLASTIC SBR 1 – 4 mm
Bound subbase (mostly asphalt) primed using PORPLASTIC P270

Total thickness: 13 – 18 mm



Top-level sports on PORPLASTIC

„JUST DO IT“

Dr. Ralf Jooss



The sports brand by **viacor.**

50 years of experience in sports floorings

PORPLASTIC *Systems*

PORPLASTIC **RACE** – elastic sports surfaces for all requirements

PORPLASTIC **FUN** – elastic playground and decorative surfaces to ensure fun and safety for our children

PORPLASTIC **INDOOR** – seamless and jointless elastic sports surfaces meeting any requirement for indoor sports

PORPLASTIC **TENNIS** – ultimate solution for tennis floorings, indoor and outdoor

PORPLASTIC **GREEN** – artificial turf systems for modern ball sports, leisure and landscaping

VIACOR **PERSPECTIVE** – green and sustainable

the aim of keeping our planet a good place to live for the future generations our company

- use of polyurethane as a natural renewable raw material from the castor oil plant
- fillers and pigments from natural sources e.g. quartz sands
- concentration on water-based and solvent free products
- a sustainable investment: VIASOL floors are long-lasting and can be easily revitalized for an even longer lifetime
- we control the processes of purchase, production, the products themselves and their application to be environmentally friendly

VIACOR **GLOBAL PRESENCE**

German Technology – products and floorings around the world



VIACOR Polymer GmbH

Graf-Bentzel-Straße 78
D-72108 Rottenburg
Germany

phone +49 7472 94 999-0
fax +49 7472 94 999-39

www.viacor.de
info@viacor.de