



RÖCHLING

Play-Tec®



04/2016

Playing colourful!

New: Play-Tec® Tricolor

Children love a colourful world. Play-Tec® is a material, which was specially developed for the design of playgrounds, and is available in all RAL colours single-coloured, two-coloured and **now even three-coloured**. The additional colouring enable a whole new variety of designs through added milling options. Play-Tec®'s long-lasting colouring is unique on the market!

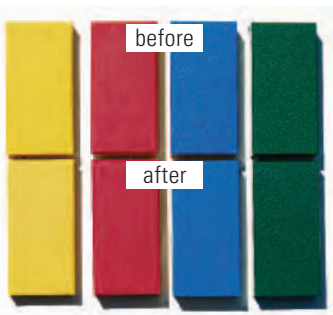


Faded colours - not with us!

Through much dedication, we have developed Play-Tec®, a product that is unrivalled on the playground:

- Optimum colour pigments
- Continuous monitoring through accelerated weathering tests
- Worldwide own outdoor weathering systems

The results and comparisons to products on the market are convincing!



Play-Tec® in xenon accelerated weathering

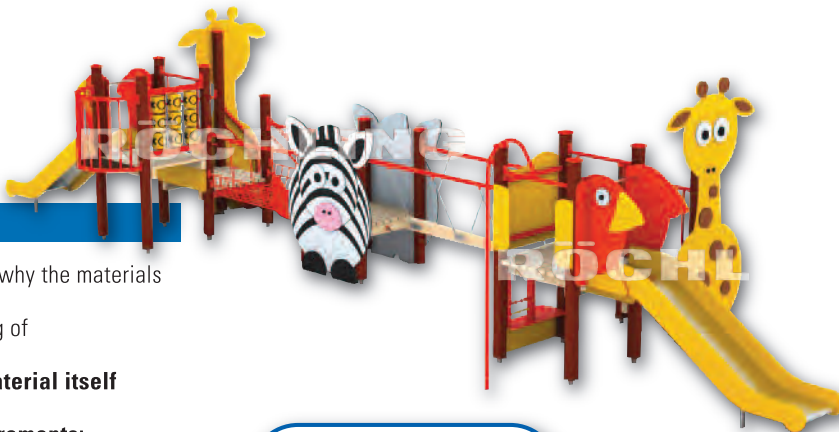
Even after 2,000 hours of xenon accelerated weathering (DIN EN ISO 4892-2), Play-Tec® exhibits vibrant colours. The test simulates the time lapse effects of the most important climatic parameters such as UV radiation, heat, moisture and rainfall.

Due to the complexity and variety of the influencing factors of environmental conditions it isn't possible to translate the test results to real use, which is why Röchling has been collecting empirical data in outdoor weathering systems worldwide for many years.



Outdoor weathering system with Play-Tec®

Play safely!



Safety has top priority

Children need protection in all situations. That is why the materials used in playgrounds cannot pose any danger, i.e.:

- **No risk of injury** due to splintering or breaking of playground elements
- **No danger from** harmful ingredients in **the material itself**

Play-Tec® meets these stringent safety requirements:

It poses no risk of injury and was successfully tested by the technical inspection agency TÜV NORD CERT GmbH according to **DIN EN 71-3, -9, -10, -11**.

Moreover, Play-Tec® meets the requirements of the GS Specification **AfPS GS 2014:01 PAK** "testing and assessment of polycyclic aromatic hydrocarbons (PAK) regarding the granting of the GS mark of quality".

Long service life

Play-Tec® is specifically designed for outdoor use. The high quality of the product results in a very long service life. Even after 10 years, there is no sign of material brittleness expected.

Low maintenance

Play-Tec® requires very little maintenance. Graffiti and soiling adhere poorly and can be easily removed. Even scratches are virtually invisible, since the material is imbued with colour through and through.



Properties	Unit	Testing standard
Density	0,96 g/cm ³	DIN EN ISO 1183-1
Moisture absorption	<0,1 %	DIN EN ISO 62
Elastic modulus	1200 MPa	DIN EN ISO 527
Service temperature, long-term	-10 ... 80 °C	Approximate values
Service temperature, short-term	100 °C	Approximate values
Fire Behaviour	HB	UL 94

Production possibilities

Width: up to max. 2,440 mm
Length: nearly unlimited
Thickness: 6-25 mm

Uni

Bicolor

Tricolor

Available in your choice of all RAL colours.

**Extensive
product range
available
ex stock.**



Röchling Engineering Plastics SE & Co. KG

Röchlingstr. 1
49733 Haren/Germany
Tel. +49 5934 701-0
Fax +49 5934 701-299
info@roechling-plastics.com

Röchling Engineering Plastics SE & Co. KG

Standort/Site Troisdorf
Mülheimer Str. 26/Geb. 115
53840 Troisdorf/Germany
Tel. +49 2241 4820-0
Fax +49 2241 4820-100
info@roechling-plastics.com



www.roechling.com