



TRAFFI grip TRG

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## Technical Datasheet TRAFFIgrip TRG

*Coloured silica quartz sand technical granulate for non-skid surfaces in outdoor pavements.*

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### **Product description:**

*TRAFFIgrip TRG is a coloured silica quartz sand granulate for use with polymers. Processed and coloured in an industrial process with an excellent high grade UV resistant Polyurethane binder, ready and easy to work with Adequate to scatter on polymer binders like epoxy, PMMA or polyurethane resin systems. The product combines unique UV resistant colours with excellent technical properties. It meets the highest demands which can be expected in case of reproduction.*

#### *General information and description*

*For the manufacturing of our products only the high grade organic and non-organic pigments are used. This combined with the most appropriate binder for your application guarantees the highest quality and best functionality. TRAFFIgrip products are coated with an extra layer of Polyurethane CQE for the extreme conditions where TRAFFIgrip TRG products are used.*

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### **Product features / benefits:**

- **Coloured with UV resistant Polyurethane CQE system**
  - **Various granulations available**
  - **Highly resistant to abrasion**
  - **Suitable for bike ways**
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### **Applications:**

*TRAFFIgrip TRG can be used as a non-skid layer which will be scattered in a fresh polymer layer*

*The layer can be rolled with a big steel roller, after scattering to give a more smooth top surface.*

*The ultra high quality of the final-product depends on formulation of the used polymer system, application procedures, the environment of use and the application itself. Wear layers can be applied to steel, concrete, wooden and plastic surfaces.*

*For example,*

- *Roads in factory buildings, warehouses, hangars and workshops.*
  - *Outdoor pavements, like roads, pedestrian paths, park decks, bicycle paths.*
  - *Driving ramps for loading docks or park decks*
  - *Bridges, drilling platforms, landing stages and ramps.*
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**Product data:**

**Name:** -TRAFFI grip TRG  
**HS-code:** -25.05.10  
**EINECS-nr.:** -238-878-4  
**CAS-nr.:** -14808-60-7  
**Colours:** - standard color collection with 4 traditional colours.  
TRG\_0016, TRG\_0056, TRG\_0030, TRG\_0062.  
Other colors available on request for example ColorQuartz GRM.  
See colourcard for available colours  
Other colours are available on request

**Packing:** -25 kg Polyethylen PE ventile or Paper bag on one way pallet wrapped with stretch foil

**Storage conditions:** Storage in the original sealed bags in dry place. Long-term exposure to sunlight will damage the packing

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**Pictures:**





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### Dane techniczne:

<b>Technical specifications:</b>	
<b>Hardness (Mohs)</b>	<b>7</b>
Chemical content of SiO <sup>2</sup> in Granulation	97,8% SiO <sup>2</sup>
Moisture	< 0,1 %
Bulk density	1,55 kg/dm <sup>3</sup>
Density	2,65 g/cm <sup>3</sup> (DIN ISO 787/10A)
Sieving Curve	TRG 0,4-0,9 mm TRG G0,8-1,2 mm TRG 1,0-1,7 mm TRG 1,0-2,2 mm TRG 1,6-2,2 mm TRG 2,0-3,0 mm other granulations on request
Maximum deviation of the sieving curve	10.00%
Polishing Value (PSV) DIN EN 1097-8	PSV = 47
Picture of natural product	

CQE, the two components polyurethane colouring system that is fully UV stable and has excellent resistance against heavy abrasive loads. It has much better specifications than for example epoxy coated sands. It is suitable for use in industrial floorings, acrylic wall finishings and decorative sands. Everywhere, also where normally later not a topcoat will be applied and heavy loads are.

UV stability of our polyurethane color coating when applied on the granulate is full. UV stability is tested. Compared are our polymer system to reference products that are based on Polyurethane and Epoxy. Executed test was an 168 hour UV test with wave length 313 Nm. Special datasheet for these test results is available on request.

Polyurethane systems CQE and CfQS	
UV non lighted $\Delta E=$	7,47
UV lighted $\Delta E=$	13,61

UV stability of used pigments  
TRAFFI grip TRG is specially developed for outdoor applications. The pigments used have excellent UV stability and atmospheric conditions resistance. It can be also used in indoor applications.





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**Kolory TRAFFI grip TRG:**



**TRG\_0116**



**TRG\_0056**



**TRG\_0030**



**TRG\_0062**

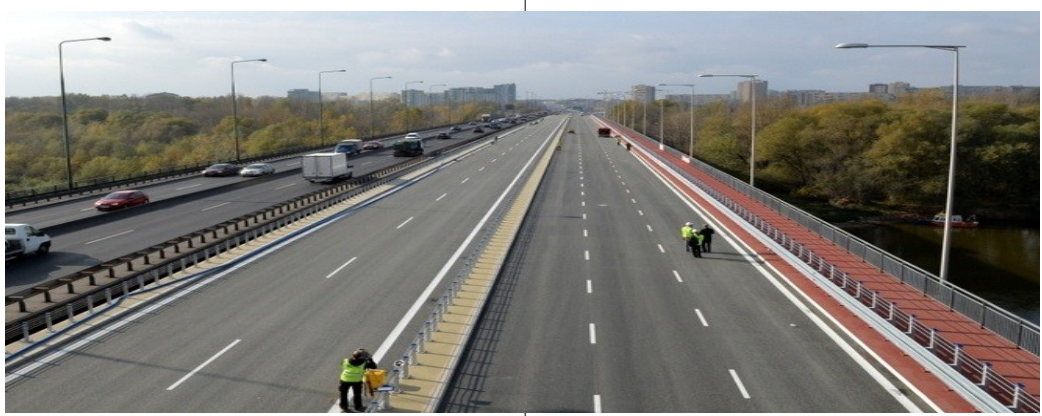


**NATURAL**





TRAFFI grip TRG



Highway sides in Warsaw Poland



Highway sides in Warsaw Poland



Separation of driveways



Bicycle roads





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**Odpowiedzialność:**

*Wszystkie informacje zawarte w powyższej notce zostały oparte o aktualne dane. Wprowadzenie zmian jest dozwolone bez uprzedniej informacji. Z uwagi na ciągle zmieniające się czynniki środowiskowe, nie odpowiadamy za zmiany powstałe przy udziale tych czynników. Przed zastosowaniem należy sprawdzić czy nasze produkty są odpowiednie i czy będą spełniać oczekiwane wymagania. Ze względu na naturalne pochodzenie surowca nikiedy mogą występować niewielkie odchylenia w kolorze. Różnice te mogą również pojawić się pomiędzy poszczególnymi partiami czy też próbkami.*

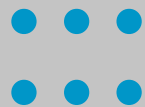
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