

Evonik Road Safety Award

Increased safety for physically challenged people: experiences from Sochi city

Project country: Russia

Organisation: Nonprofit Organisation of Wheelchair Users of Sochi

Project location: Sochi

Project time frame: 2015-2016

Intertraffic Amsterdam | IRF workshop | 21 March | Kadyr Efendiev

Project profile and description

- For physically challenged people safe navigation in public areas still a big challenge in many countries



- Tactile marking gives information to its user about obstacles on the way and safely leads to the right direction
- Antiskid cold plastic coating on the wheelchair ramp prevents slippery at wet and cold weather conditions



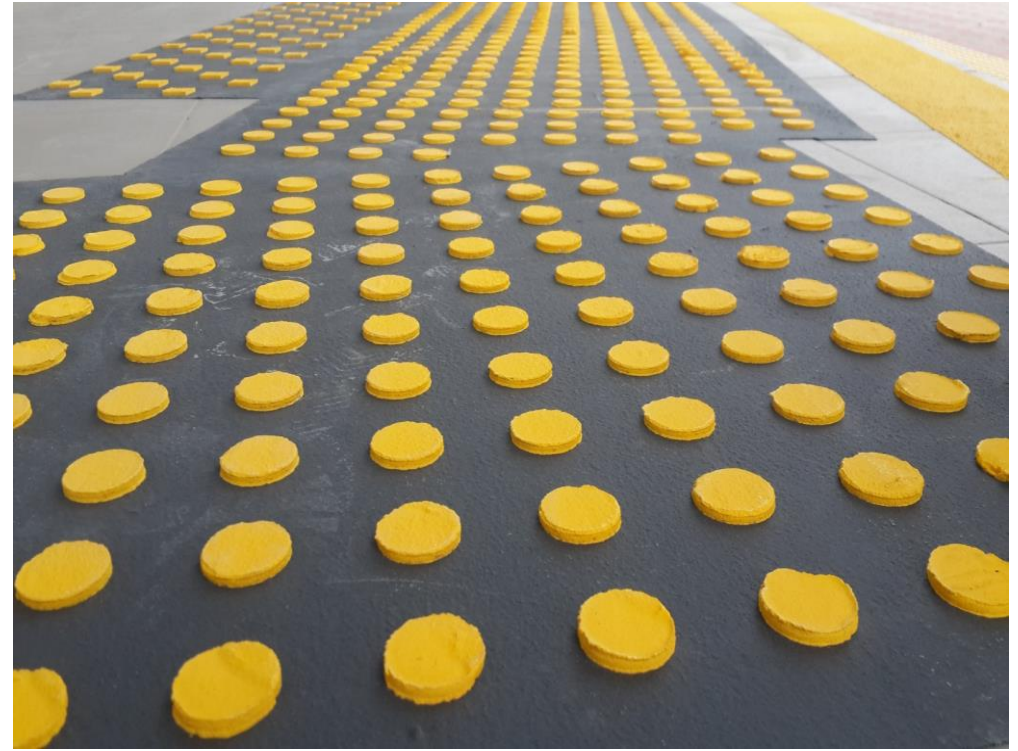
- Cold plastic tactile marking based on DEGAROUTE® applied at schools, where visually impaired children studying
- Cold plastic antiskid coating based on DEGAROUTE® applied at schools, where wheelchair users studying



- It resulted in positive feedback from children, school administration and officials
- There is a strong intention to bring this markings to all schools in Sochi and other cities in the country

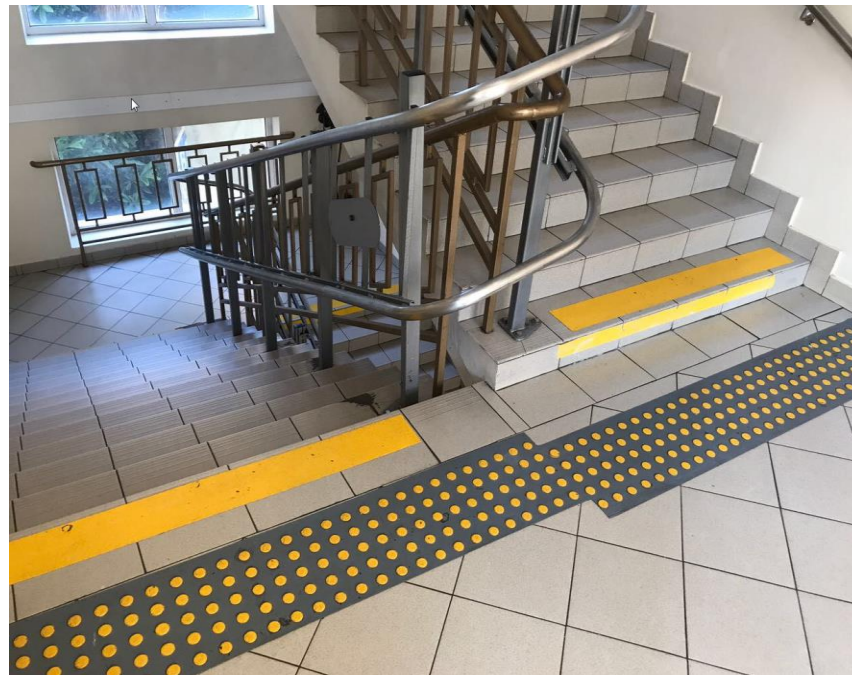
Project contribution to safety

- Tactile and antiskid markings significantly increased safety and comfort for the visually impaired and wheelchair people
- Application allowed children to use school infrastructure safely and faster



Project contribution to sustainability

- As such marking is based on cold plastic technology, durability is very high
- Especially for pedestrian areas, it gives a very long lasting effect
- After more than 2 years of monitoring, based on DEGAROUTE® applied marking is in very good condition



Project contribution to innovation

- The project was new to the Sochi city - tactile and antiskid marking have never been applied in the schools before
- Tactile marking can be applied in a very short time with low costs involved



Project contribution to replication

- Since the beginning of the project, tactile and antiskid markings have been applied in other schools, hospitals, railway station, city parks and streets in Sochi city
- One of the advantages of this technology is that it can be easily transferred all over the country or even worldwide
- As it is applied on the existing surface, it does not require a complete surface renovation





EVONIK

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