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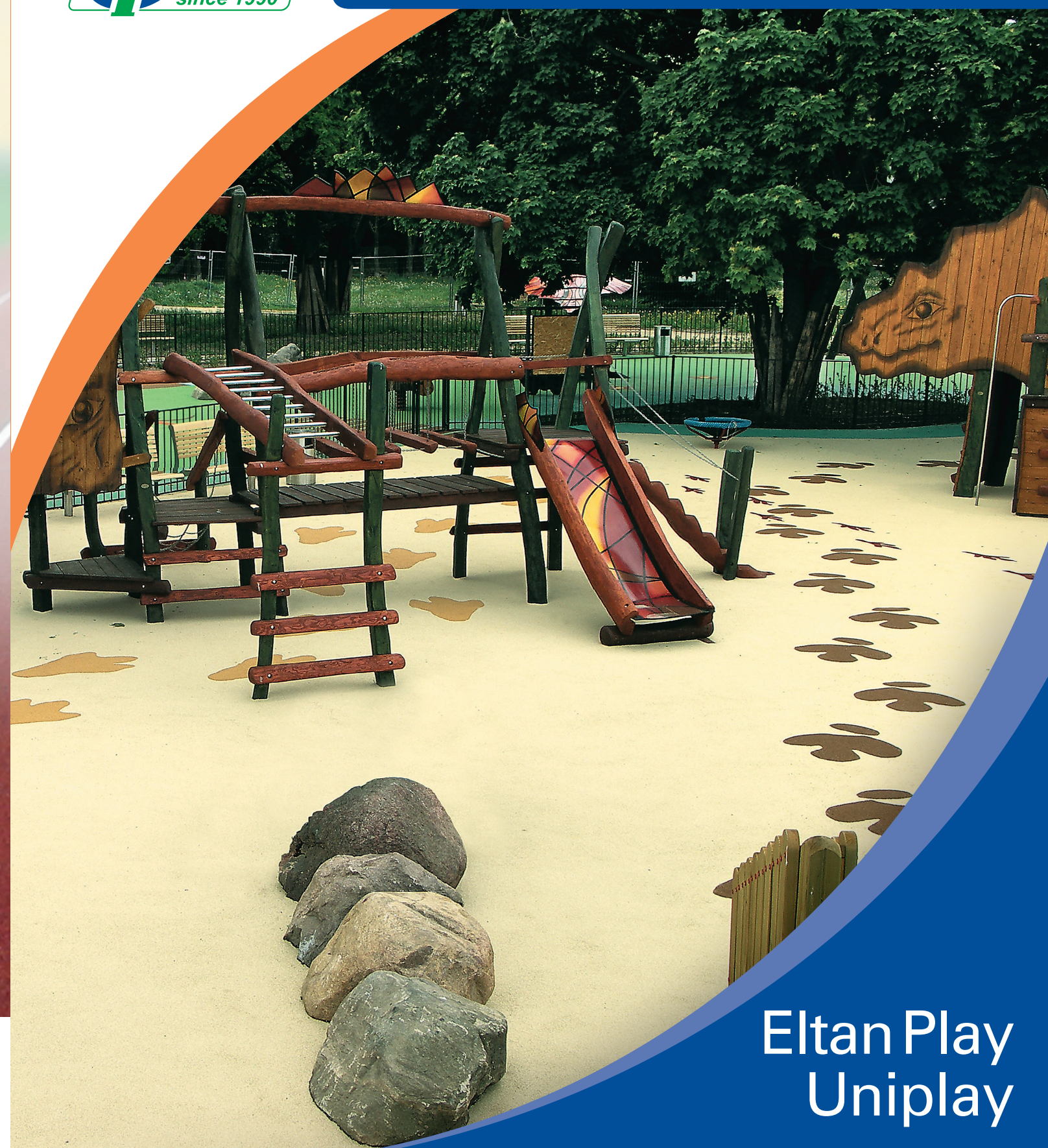
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Playground surfaces



Eltan Play
Uniplay

Playgrounds surfaces



Eltan Play & UniPlay

Purpose

Surfaces Eltan Play and UniPlay are intended for children's playgrounds as well as sport and recreation facilities. The main good point of the surface is its absorption capability, which significantly reduces the risk of body injuries. A wide variety of colours and a possibility of joining the squares in various colours allows you to adjust the surface to different types of surroundings.

Substrate material

The surfaces may be installed on following substrate:

- Mineral aggregate substrate
- Bituminous concrete
- Concrete
- Open-graded concrete

In the event of using impermeable substrate it is necessary to provide grades for the water runoff.

Colours

The surfaces may come in a variety of colours. The colour of a particular surface depends on EPDM granules which have been used to make the surface, which are available in at least a dozen of colours. Using polyurethane top coat with extremely high resistance makes it possible to create a multitude of patterns on a particular surface.

Surface installation

The surface is installed by well-qualified crew of fitters authorized by the manufacturer. Eltan Play and UniPlay are made directly at the site. All the essential granules and polyurethane adhesives are mixed in the proper proportion and then applied onto the substrate and consolidated.

All the works are carried out in two stages. During the first stage a basic impact-absorbing layer made of the SBR rubber granules and PU binder is laid.

During the second stage granulated coloured EPDM granules are bonded together with polyurethane adhesive are laid on the previously formed layer of the surface. As a result we get seamless even surface with excellent strength and absorption parameters. It is very important to remember that the surface should be installed during dry weather when the outside temperature is minimum 5°C.

Certificates

The surfaces have been tested and a Certificate of Conformity which confirms the compliance of the surface with EN 1177 has been awarded. The Certificate refers to the surfaces of the following thickness:

- Eltan Play 60 – thickness 60 mm
- Eltan Play 100 – thickness 100 mm
- Eltan Play 150 – thickness 150 mm
- UniPlay 30 – thickness 30 mm
- UniPlay 40 – thickness 40 mm
- UniPlay 50 – thickness 50 mm
- UniPlay 60 – thickness 60 mm
- UniPlay 70 – thickness 70 mm
- UniPlay 80 – thickness 80 mm
- UniPlay 90 – thickness 90 mm
- UniPlay 110 – thickness 110 mm
- UniPlay 120 – thickness 120 mm

Maintenance

The maintenance of the surface is actually reduced to a minimum, it is necessary just to remove loose items such as leaves, branches or sand carried to the playground from the surrounding area. Ongoing removal of the aforementioned items may considerably extend the lifespan of the surface and ensure unchanged water permeability during the whole utilization period. It is recommended that the surface is washed with a high pressure washer at least twice a year, especially after the winter season is over.

In the event that any surface defects occur as a result of acts of vandalism, the damaged surface may be repaired through cutting out the damaged section and replacing it with the same material.

