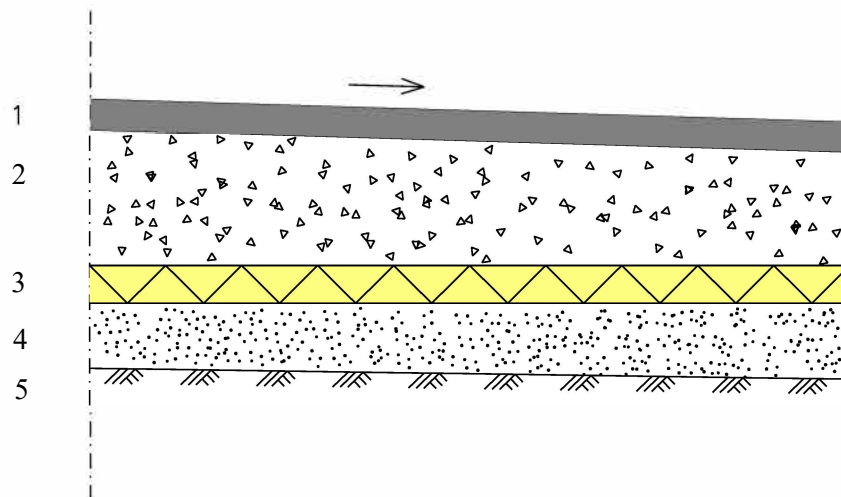


Intended use

ROLLER SKI TRAIL

FINNFOAM STRUCTURE CARD

INFRA01



1. Asphalt, slope 3%
2. Crushed stone 0... 16 mm, 100 - 200 mm
3. Finnfoam Infra panel 50 mm
 - lpanels must be installed at a 90-degree angle to the trail line
 - panel size 50x600x2600
 - short-term compression strength 400 kPa
 - long-term compression strength 180 kPa
 - elastic modulus 19000 kPa
 - bending strength 1200 kPa (50 mm panel)

At the edges of the trail base: Finnfoam FL-300 50 mm, width 1,2 m

- Thermal conductivity $\lambda_D = 0,035 \text{ W/mK}$ -> $\lambda_U = 0,038 \text{ W/mK}$
 - Short-term compression strength $CS(10)$ 250 kPa
 - Water absorption when immersed $WL(T)$ 0,7
 - Water vapour transmission rate $\mu=150$
 - Dimensional stability $DS(70,90)$
 - Compressive creep $CC(2/1,5/50)$ 130 kPa (to be used as basis for planning)
4. Fine sand 50 - 100 mm
 5. Subsoil, sloped towards ditches