



SOFTBETON® Features

1. **Pumpable**
In its uncured state, the material can be pumped over distances exceeding 100 m. It is self-levelling at the point of placement.
2. **Lite-Weight**
The pores, which are entrained when the cement slurry is aerated, reduce the material's weight, allowing it to float in water.
3. **Variable**
Any desired compression strengths can be set. Advantageous flexural tensile strength properties can be set up to a 1:2.5 ratio to the chosen compression strength. The resulting system also features outstanding ductility properties.
4. **Impermeable**
The aeration process creates an outer wall of cement slurry around same sized air bubbles, leaving the pores separated from each other in the process. The resulting structure is impermeable.
5. **Frost Insensitive**
The pore structure allows any contained water to expand anytime at any rate without damaging the material's structure. If tested according to the CDF method, the blooming effect is reduced to about 40% of the toughest standards.
6. **Easy to Maintain**
In the road and railroad track construction, SOFTBETON can be removed or replaced quickly at low costs.
7. **Sound Insulating**
The material's pore structure creates excellent solid-borne and footstep sound properties. Vibrations are reduced substantially.
8. **Fire Resistant**
SOFTBETON® does not burn and is extremely temperature resistant.
9. **Recyclable**
SOFTBETON® can be recycled easily, since it consists of cement and water only and does not contain any admixtures.