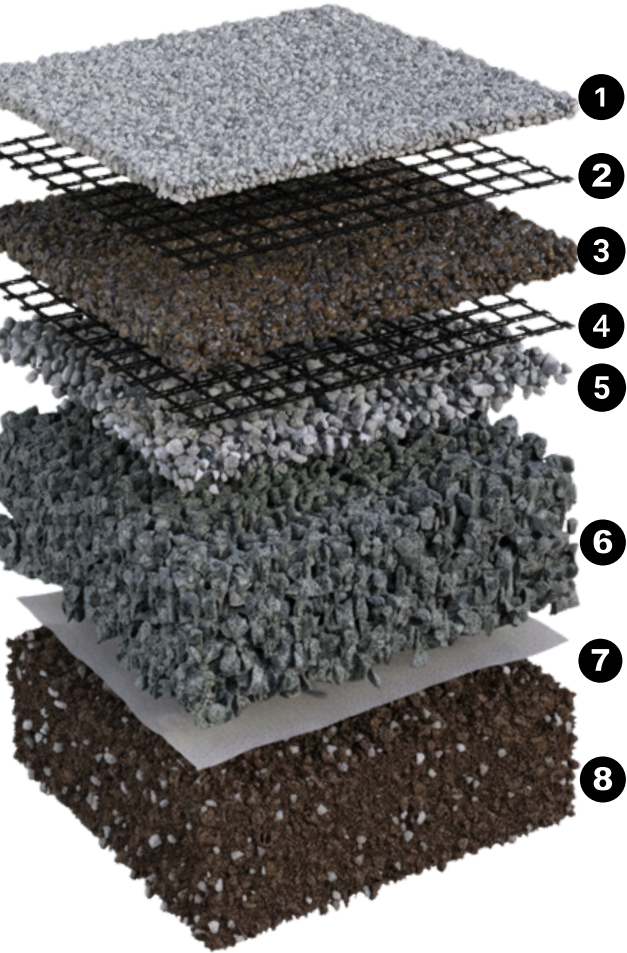


The Ston'Art stone carpet consists of **four distinct layers** designed for continuous traffic, environmentally friendly applications, and above-ground installation. This innovative solution includes **a structural reinforcement mesh, a resin** combined with recycled aggregate, and the traditional Ston'Art resin-bound stone carpet coating layers applied as the final layer. Unlike conventional asphalt- or concrete-based methods, the resin-bound coating can be applied directly onto the soil (MOT Type 3). In addition, the Ston'Art stone carpet system is fully compatible with Sustainable Drainage Systems (SUDS - Sustainable Drainage Systems) and is highly suitable for **tree root protection zones**, making the system a sustainable and versatile solution.



1. **The Ston'Art** surface stone carpet is applied with a minimum thickness of 15 mm using mixtures with quartz binder.
2. **The structural reinforcement mesh** distributes loads and enables rapid application of the upper layer while providing **a structural framework** to the system. It is laid onto the surface while wet and fixed in place.
3. **Ston'Art - 25 - 30 mm** This layer is the base layer located above the coating layer.
4. **Structural Reinforcement Mesh** provides structural support and load-bearing capacity for the entire system.
5. **Wearing Course Layer** is a 25 mm thick layer composed of well-compacted 5-10 mm angular stones applied over the existing sub-base.
6. **No-Fines Stone / Clean Stone** The no-fines stone / clean stone layer is applied with a thickness of **60-100 mm** depending on the structural requirements. The stone size used ranges between **20 mm and 50 mm** (MOT Type 3)
7. **Geotextile Membrane** must be laid along the entire perimeter of the project starting from the outermost edge. This application is of great importance.
8. **Subgrade** The determination of the subgrade type is of great importance, as it directly affects the sub-base specifications and group drainage requirements.