

## **ROOTBASE**

### **Grass Block System with Rhizomatous Tall Fescue (RTF)**

#### **Why do Grass Block Systems fail?**

Most Grass Block Systems in the UK fail to meet customers requirements, despite the fact that block systems are technically sound for load bearing. This is primarily due to lack of importance being placed upon the selection of grass species that help support the system combined with a misunderstanding of the subsequent establishment and maintenance requirements. This is further compounded by the use of compacted "Type 1" sub-base which is virtually impenetrable for grass roots.

#### **The Design Brief**

Bourne Amenity Ltd has been working with Barenbrug UK to develop a sustainable Grass Block System that requires minimum maintenance inputs. Development areas were constructed to compare the conventional construction using materials such as consolidated sub-base and traditional grass species against an innovative new system.

The new system was installed with a porous Rootzone (ROOTBASE) and the RTF grass seed mixture, selected for its unique rhizomatous recovery and ability to survive in difficult environmental conditions due to its deep rooting capability.



The right-hand block shows strong recovery of ROOTBASE with RTF after drought.

#### **The Solution**

- The system works with any grass block currently available in the UK.
- It can be replicated across the UK using materials of known quality and long term availability.
- The new system components do not detract in any way from the load-bearing performance of the block.
- The stability of the ROOTBASE sub-base is equal to the "Type 1" sub-base.
- The RTF mixture offers superior sustainable ground cover in comparison to other grass seed mixtures and proved stronger growth and recovery, especially during periods of drought.

**The ROOTBASE with RTF Grass Block System is exclusively available from Bourne Amenity Ltd.**

#### **Bourne Amenity Ltd**

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