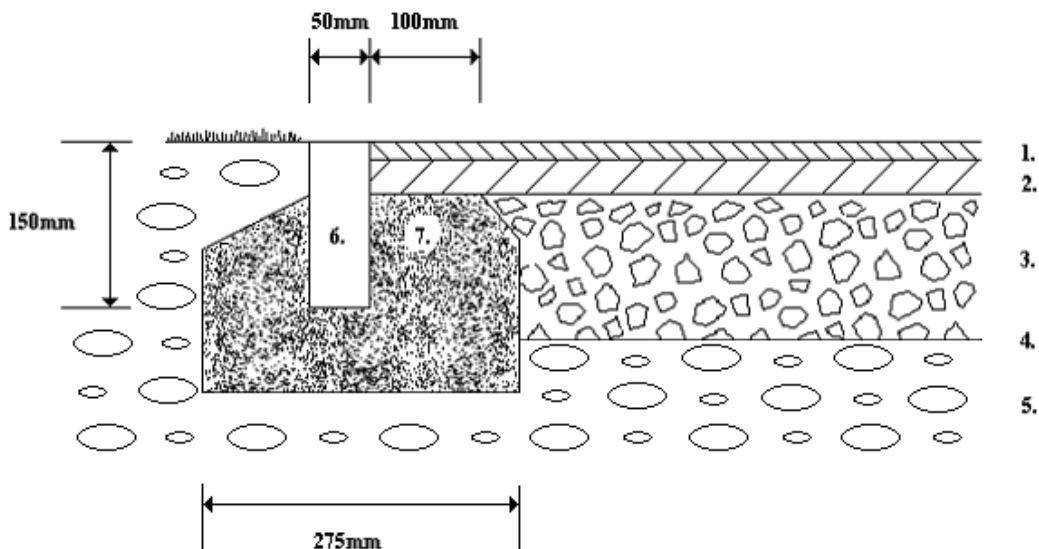


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**BASE SPECIFICATION – POROUS SAFETY SURFACE – CLEAN STONE BASE**



**Not to scale**

**Base Construction**

Base construction is a vital part of any synthetic surface installation. The notes below are produced for guidance only and may have to be varied because of local site conditions. An adequate sub-surface drainage system may be required. The foundation materials should be placed on an approved formation or sub-grade.

1. *NovaPlay* safety surface wearing course. Nominal depth 15mm.
2. *NovaPlay* safety surface base course. Variable depth dependent on free fall height requirement. Minimum depth onto a stone base 30mm, giving a total rubber depth of 45mm, which achieves a free fall height of 1.4 metres.
3. 100mm minimum depth of free draining, clean graded, frost resistant, crushed angular stone 20 to 5mm in size. Not rounded stone or gravel. The permitted surface irregularity of the stone shall be no greater than 6mm under a 3 metre straight edge placed in any direction.
4. Optional geotextile membrane. Use is dependant on site / soil conditions.
5. Existing sub-soil. Before any surfacing is laid the formation shall be treated with an approved total residual weed killer.
6. 50mm x 150mm p.c.c. flat top edging kerb.
7. C20P (Former mix 1:2:3) Concrete haunching and ring beam, inner face to be a minimum of 100mm wide for bonding rubber to. This is necessary to prevent gaps occurring or subsidence / trip points at a later date.

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