

Marathon Elastic Layer Specifications

Materials

1. *Rubber Granules*

Processed, sulfur cured SBR (Styrene Buterdyne Rubber) granules shall be chipped and graduated to 1 to 4 mm in size for the repair areas and .5 to 1.5mm for the leveling lift, as required in order to maximize athletic and safety characteristics of the surface. For each grain size noted, less than 3.0% of all granules shall be less than the minimum grain size specified. Granules to have Shore A hardness of 55, +/- 5; Granules to be cryogenically or ambient-temperature chopped or ground to create angular granule shapes, and shall contain no traces of steel and have a maximum of 0.50% fibre.

2. *Single Component Polyurethane*

A single-component moisture-cured polyurethane to be in a pure form and not containing any foreign substances. Product to be MDI based.

3. *Stone*

Clean washed rounded 5mm stone.

4. *Mixing Ratios*

For the leveling lift the mixing ratio is to be 60% rubber granules, 40% stone. The single component polyurethane is to make up 10% polyurethane binder to weight.

Application of the Elastic Layer

1. Supply and install a single lift elastic layer to a 20mm depth comprised of a one component polyurethane with SBR rubber and pea gravel.
2. Tolerance: Elastic Layer is laid to a tolerance of +/- 3mm over 3m

Warranty

Marathon shall warranty all material and workmanship for a period of five years from the completion of the project. The warranty will not cover damages as a result of base deficiencies.