

Aggregates are essential components of many resin floor toppings. Inert Silicas provide, hardness, durability, resistance and non-slip properties. Providing a blend of grades for a topping is essential for performance and for trowel-ability.

allnex specify three types: fine, medium and coarse, these are defined from suppliers as below

Manufacturer	Fine sizes	Medium	Coarse	Non-slip & Speciality
Marble Aggregates for Architectural Terrazzite only				
Omya	CPG 0.4 – 0.8mm	Not used in Architectural Terrazzite	3-6mm marble aggregate; normally white with small amounts of black, dolomite ditto	Not Used in Architectural Terrazzite
Whiterock AUS	7035 0.35 -0.7mm		As Above,	
Barossa	-1+0.5mm		As Above, + Black Granite 3-6mm, Sunset Gold ( dolomite) & others	
Silica Aggregates For Industrial Flooring				
HSC Minerals Victoria – Silica	Superfine Silica	18/40 or 16/30	8/16	30/60 is a K20s type
Boral Australia	900 coarser than NZJ61 grade	1mm	2mm	Garnet; 12/25
Cook Industrial minerals- graded Silica	Fine white silica sands; 0.3mm and finer	Graded silica; -1 + 0.5	Graded Silica; -3.2 + 1.6	Garnet; 20/40, 30/40
Industrial Minerals Sand Q series. Available in both NZ and Australia	*AB or TN Q900-Pro white sand. (coarser than NZ J61 grade)	Q1	Q2	Garnet; A-grade 12/25 (coarse)
allnex NZ The allnex high level specification	J61W silica 0.15 – 0.3mm	walton park round silica 18/36	walton park round silica 7/14	Silicon carbide, 16 & 24 grit. Garnet; 12/25. Broadcast Fine: K20s silica. Broadcast rough : 18/36
allnex NZ	allnex can produce STZ Flooring sand, a blend of grades for ready to use contracting.. STZ Coving sand is a blend for cove installation.			Revtred glass beads Aluminium oxide. Silicon Carbide. K20s

#### Note 1

allnex do not take responsibility for the quality of third party supplied aggregates.  
We make our best recommendation based on knowledge at the time, if in doubt contact the supplier.  
Using allnex supplied STZ sands will ensure reliability.

#### Note 2

The above allnex comparisons are made based on experience and laboratory work but care and attention should be followed as there are variations in both the cut of mesh sizes and the appearance (colour and dust content) between suppliers.  
allnex's recommendations should be used expecting some variations of the required blend ratio to achieve applicability.  
It is the contractors responsibility to do trial blends to ensure colour and "use-ability" and to do samples for the clients to approve.

Mesh sizes: aggregates are often known by the mesh size through which they will pass.  
Often this is a range.  
Small mesh numbers are bigger mesh "squares". So 7/14 is larger than 18/36.

For further advice or information do not hesitate to contact the allnex technical team.

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The logo for allnex, featuring the word "allnex" in a bold, lowercase, sans-serif font. Above the letters "i", "l", and "x" are horizontal bars in purple, red, and green respectively.

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