



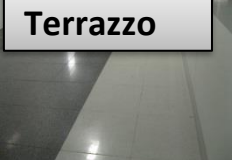

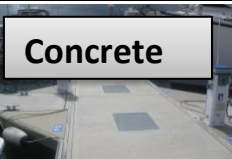


Tile Identification

	Type and Identification	Typical Finishes	Typical Applications	Compatibility		Special notes	Sealing
				Acids	Alkalis		
 Ceramic	Ceramic tiles are made from clay pressed and fired at lower levels than porcelain. They are always glazed.	Glazed Wide range of colours and patterns. Colour limited to the surface. Not rectified	Mainly internal. Often in bathrooms and kitchens. Too slippery for external applications	✓ Not Hydrochloric or Fluorine acid	✓ ✓	Absorption is nil.	They cannot be sealed.
 Vitrified	Vitrified tiles contain more silica than ceramic tiles and are fired at higher temperatures, making them virtually non-porous	Glazed or unglazed. Anti-slip surfaces. Wide range of colours Colour throughout tile body.	Internal flooring & wall External flooring & wall Commercial and domestic areas	✓ Not Hydrochloric or Fluorine acid	✓ ✓	Absorption is very low.	No sealing required
 Porcelain	Porcelain tiles are made from fine china clay. They are pressed and fired at extremely high temperatures.	Glazed Polished Unpolished Textured Anti-slip surfaces	Internal flooring & wall External flooring & wall Commercial and domestic areas	✓ Not Hydrochloric or Fluorine acid	✓ ✓	Absorption is negligible on unpolished porcelain and low on polished porcelain	Only seal polished porcelain with specialty solvent sealer.
 Terracotta	Terracotta is a porous tile made from earthy clay baked not fired. Characterised by earthy browns and reds	Normally a dull non-smooth surface which is mostly also slightly undulating. Often has irregular edges.	Internal flooring & wall External flooring & wall Often used for balconies and walkways.	✓ Can be discoloured by acid. Pretest.	✓ ✓	Terracotta is a very porous tile.	Topical sealer + floor finish. Solvent or water based impregnating sealer.
 Terrazzo	Terrazzo is an agglomerate tile made of marble chips set in cementitious base which is then cut and polished.	Semi - polished	Commercial flooring Changeroom partitioning	✗ Do not use any acids	✓ ✓	Terrazzo is a moderately porous tile.	Topical sealer + floor finish. Solvent or water based impregnating sealer for vertical partitions
 Clay	Clay is a specific clay which is moulded and baked. Normally used for paving and pottery.	Semi-smooth.	External flooring, walkways, roads	✓ Can be discoloured by acid. Pretest.	✓ ✓	Clay is a moderately porous substrate.	Solvent or water borne sealers.
 Concrete	Concrete and cement products are composed of stone aggregate and clean sand bonded together with lime based cement	Wood float Smooth steel float Honed & polished Textured	External flooring, Internal flooring, Driveways, walkways, roads. Structural	✓ Can be discoloured by acid. Pretest.	✓ ✓	Concrete is a very porous substrate. Concrete is alkaline and reacts with acids. Only use acid if necessary.	Solvent or water borne sealers. Concrete often sealed with topical sealers.