


Comparison of final treatments for concrete

|  | 1 <u>ETC con-crete glaze</u> | 2 <u>LFC silicification</u> | 3 <u>H10 impregnation</u> | 4 <u>Pore filling oil</u> | 5 <u>B-Wax</u> | 6 <u>C-Wax</u> | 7 <u>MORDAX Concrete stain</u> | 8 <u>SQ penetrating primer</u> | 9 <u>PUR-2</u> | 10 <u>ECO tint and varnish</u> | 11 <u>STRA-TOP</u> |
|---|--|---------------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--|--|---------------------------|--|------------------------------|
| active substance | Acrylate | Alkali silicate | Silane/siloxane | Linseed oil | Beeswax | Carnauba wax | Metal salt | Acrylate/Silane | Polyurethane | Modified silicate | Acrylate |
| pearling effect | x | x | ✓ | (✓) | (✓) | (✓) | x | ✓ | x | x | x |
| recoatable | x | x | ✓ | ✓ | ✓ | ✓ | x | x | x | x | x |
| permeable to vapour | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| colour enhancing | x | x | x | ✓ | ✓ | (✓) | x | x | x | ✓ | x |
| refractory | x | ✓ | x | x | x | x | ✓ | x | x | x | x |
| film-forming | ✓ | x | x | x | (✓) | ✓ | x | ✓ | ✓ | x | ✓ |
| glossy | (✓) | x | x | x | (✓) | ✓ | x | x | (✓) | x | x / ✓ |
| water-dilutable | ✓ | ✓ | ✓ | x | x | x | ✓ | ✓ | ✓ | x | ✓ |
| scratch-resistant | x | ✓ | ✓ | ✓ | ✓ | (✓) | ✓ | x | (✓) | ✓ | ✓ |
| food-safe | x | ✓ | (✓) | ✓ | ✓ | ✓ | x | x | x | (✓) | (✓) |
| polishable | x | x | x | x | x | ✓ | x | x | x | x | x |
| greasy stains protection | x | x | x | (✓) | (✓) | x | x | x | (✓) | x | ✓ |
| red wine stains protection | x | (✓) | (✓) | x | x | x | x | x | (✓) | (✓) | ✓ |
| waterproof (standing water) | x | ✓ | x | x | x | x | x | x | x | x | x |
| substrate-strengthening | x | ✓ | x | x | x | x | x | ✓ | ✓ | ✓ | ✓ |
| weather-resistant | ✓ | ✓ | ✓ | x | x | x | ✓ | ✓ | ✓ | ✓ | ✓ |
| final treatment for floors | ✓ | ✓ | (✓) | (✓) | ✓ | ✓ | (✓) | x | ✓ | ✓ | ✓ |
| for kitchen countertops | x | (✓) | (✓) | ✓ | ✓ | ✓ | x | x | x | x | (✓) |
| for bathroom furniture | x | (✓) | ✓ | ✓ | ✓ | ✓ | (✓) | x | (✓) | (✓) | (✓) |
| for home furniture | (✓) | (✓) | ✓ | ✓ | ✓ | ✓ | (✓) | x | (✓) | (✓) | ✓ |
| for garden objects | ✓ | ✓ | ✓ | x | x | x | ✓ | x | ✓ | ✓ | ✓ |
| for playground objects | (✓) | ✓ | ✓ | x | x | x | (✓) | x | ✓ | ✓ | ✓ |
| for substrate remediation | x | ✓ | (✓) | x | x | x | x | ✓ | x | (✓) | x |
| recoatable with | 1,11 | 1,2,3,4,5,6,11 | 1,3,4,5,6,11 | 4,5,6 | 4,5,6 | 4,5,6 | 1,3,4,5,6,7,11 | 1,6,8,9,11 | 9 | 1,3,5,6,10,11 | 1,11 |
| minimum concrete maturity | 7 days | 7 days | 3 days | 3 days | 3 days | 3 days | 3 days | 5 days | 7 days | 7 days | 5 days |
| consumption per layer | 60-180 ml/m ² | 150-400 ml/m ² | 60-180 ml/m ² | 80-150 ml/m ² | 60-100 ml/m ² | 60-100 ml/m ² | 100 ml/m ² | 100-150 ml/m ² | 100-250 ml/m ² | 200-300 ml/m ² | 80-150 ml/m ² |