

Comparison of final treatments for concrete

BACK STEIN	1	2	3	4	5	6	7	8	9	10	11
	<u>STRA-TOP</u>	<u>LFC silicification</u>	<u>H10 impregnation</u>	<u>Pore filling oil</u>	<u>OSMO Concrete Oil</u>	<u>LIQUAX</u>	<u>B-Wax</u>	<u>C-Wax</u>	<u>MORDAX Concrete stain</u>	<u>SQ penetra- ting primer</u>	<u>PUR-2</u>
active substance	Acrylate	Alkali silicate	Silane/siloxane	Linseed oil	Oil+Wax	Wax	Beeswax	Carnauba wax	Metal salt	Acrylate/Silane	Polyurethane
pearling effect	x	x	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	x	✓	x
recoatable	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	✓	✓
glossy	x / ✓	x	x	x	x	(✓)	(✓)	✓	x	x	(✓)
water-dilutable	✓	✓	✓	x	x	x	x	x	✓	✓	✓
scratch-resistant	(✓)	✓	✓	✓	✓	(✓)	✓	(✓)	✓	x	(✓)
food-safe	(✓)	✓	(✓)	✓	(✓)	✓	✓	✓	x	x	x
polishable	x	x	x	x	x	(✓)	x	✓	x	x	x
greasy stains protection	✓	x	x	(✓)	✓	(✓)	(✓)	x	x	x	✓
red wine stains protection	✓	(✓)	(✓)	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	x	✓	✓
weather-resistant	✓	✓	✓	x	(✓)	(✓)	x	x	✓	✓	✓
final treatment for floors	✓	✓	✓	✓	✓	✓	✓	✓	✓	x	✓
for kitchen countertops	(✓)	✓	✓	(✓)	(✓)	(✓)	(✓)	(✓)	x	x	x
for bathroom furniture	(✓)	✓	✓	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	x	(✓)
for home furniture	✓	✓	✓	✓	✓	✓	✓	✓	(✓)	x	✓
for garden objects	✓	✓	✓	x	x	x	x	x	✓	x	✓
for playground objects	✓	✓	✓	x	✓	✓	x	x	(✓)	x	✓
for substrate remediation	x	✓	(✓)	x	x	x	x	x	x	✓	x
recoatable with	1,6,7,8,11	1,2,3,4,5,6,7,8,11	1,3,4,5,6,7,8	4,5,6,7,8	5,6,7,8	6	7	6,7,8	1,3,4,5,6,7,8,9	1,6,7,8,10,11	6,7,8,11
minimum concrete maturity	5 days	7 days	3 days	3 days	3 days	3 days	3 days	3 days	3 days	5 days	
consumption per layer	80-150 ml/m ²	150-400 ml/m ²	60-180 ml/m ²	80-150 ml/m ²	40-80 ml/m ²	150-200 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