

Application of SiOO:X for industrial treatment					
Wood	SiOO:X treatment	Required surface texture	Coat #1: Wood Protection (g/m ²)	Coat #2: Wood Protection (g/m ²)	Coat #3: Surface Protection (g/m ²)
1. Larch					
Cladding	A. Panel Clear	Fine sawn	100-110	80-90	90-100
		Micro-structured/grooved surface	100-110	100-110	90-110
	B. Pigmented Panel	Fine sawn	100-110	80-90	90-100
Decking (rich in heartwood)	C. Deck Clear	Planed: must be structured	50-60	50-60	50-60
2. Thermo spruce					
Cladding	A. Panel Clear Thermo	Fine sawn	130-140	140-150	90-110
		Micro-structured/grooved surface	130-140	140-150	90-110
		Planed: must be sanded with 40-60 grit	100-120	110-120	90-110
	B. Pigmented Panel Thermo	Fine sawn	130-140	140-150	90-110
3. Thermo pine					
Cladding	A. Panel Clear Thermo	Fine sawn	105-120	110-120	90-110
		Micro-structured/grooved surface	105-120	110-120	90-110
	B. Pigmented Panel Thermo	Fine sawn	105-120	110-120	90-110
		Micro-structured/grooved surface	105-120	110-120	90-110
Decking	C. Deck Clear	Planed	100-120	110-120	90-110
4. Thermo ash					
Decking	C. Deck Clear	Planed	100-120	100-120	90-110
5. Western Red Cedar, White Cedar, Yellow Cedar					
Cladding	A. Panel Clear	Fine sawn	130-140	110-120	100-120
		Micro-structured/grooved surface	130-140	110-120	100-120
		Ripped	110-120	100-110	90-120
	B. Pigmented Panel	Fine sawn	130-140	110-120	100-120
Decking	C. Deck Clear	Planed	100-120	90-110	90-100
6. Spruce					
Cladding	A. Panel Clear	Fine sawn	130-140	130-140	110-115
		Brushed, e.g. paint cut	130-140	130-140	110-115
	B. Pigmented Panel	Fine sawn	130-140	130-140	110-115
Gluelam	A. Panel Clear	Planed: must be sanded with 40-60 grit	120-130	110-120	120-130
7. Pressure treated pine (alkaline copper solution, Cu-HDO, Nordic Standard: NTR-AB)					
Cladding	A. Panel Clear	Fine sawn	105-120	110-120	90-110
Decking	C. Deck Clear	Planed	100-140	100-120	80-110
8. Heart pine					
Cladding	A. Panel Clear	Micro-structured/grooved surface	110-120	110-120	110-120
	B. Pigmented Panel	Fine sawn	110-120	110-120	110-120
Decking (rich in heartwood)	C. Deck Clear	Planed: must be structured	60-90	60-90	70-90

Tabell 2. Fire protection D application amounts of SiOO:X system

Here it is the potassium silicate that give the fire protection

	Total WP*	SP min**	SP maximum***
Fine sawn spruce clear coat	295	100	125
Fine sawn spruce panelcolor	295	100	125
Hart pine micro-structured/grooved surface	255	90	120
Thermo wood ****	350	90	120

WP is Wood Protection
SP is Surface Protection

In the table 2 above:

* Wood protection (WP) is a minimum amount

** Surface protection (SP), a minimum amount to give protection.

*** Surface protection (SP), also have a maximum value.

**** Thermowood requires a plasterboard on the back of the wood.