

# Processing of TitanProtect®-products



Surfaces that shall be coated have to be free of dirt, dust and grease. Residues of silicone have to be removed by an adapted cleaner before application. On all even, polished and shining surfaces the application occurs with the established HVLP-technique.

On absorbing, raw and porous surfaces the liquid can also be sprayed, painted or rolled. Applications with dipping-technique are possible as well. In this case pay attention that the recommended application quantities will be kept.

The exact application quantity depends on environmental conditions as there are wind, tools, temperature and humidity. In case of exceeding the recommended maximum of coating the application might leave a visible light grey film on the surface.

## Applied quantity

surface	minimum		medium		maximum	
glass	30 ml / m <sup>2</sup>	33 m <sup>2</sup>	40 ml / m <sup>2</sup>	25 m <sup>2</sup>	50 ml / m <sup>2</sup>	20 m <sup>2</sup>
glazed flagging	25 ml / m <sup>2</sup>	40 m <sup>2</sup>	40 ml / m <sup>2</sup>	25 m <sup>2</sup>	60 ml / m <sup>2</sup>	17 m <sup>2</sup>
unglazed flagging	36 ml / m <sup>2</sup>	28 m <sup>2</sup>	60 ml / m <sup>2</sup>	17 m <sup>2</sup>	96 ml / m <sup>2</sup>	10 m <sup>2</sup>
synthetic even	25 ml / m <sup>2</sup>	40 m <sup>2</sup>	40 ml / m <sup>2</sup>	25 m <sup>2</sup>	64 ml / m <sup>2</sup>	16 m <sup>2</sup>
synthetic raw	30 ml / m <sup>2</sup>	33 m <sup>2</sup>	50 ml / m <sup>2</sup>	20 m <sup>2</sup>	80 ml / m <sup>2</sup>	13 m <sup>2</sup>
metal, aluminium	30 ml / m <sup>2</sup>	33 m <sup>2</sup>	40 ml / m <sup>2</sup>	25 m <sup>2</sup>	50 ml / m <sup>2</sup>	20 m <sup>2</sup>
marble polished	36 ml / m <sup>2</sup>	28 m <sup>2</sup>	60 ml / m <sup>2</sup>	17 m <sup>2</sup>	96 ml / m <sup>2</sup>	10 m <sup>2</sup>
marble nature, raw	45 ml / m <sup>2</sup>	22 m <sup>2</sup>	75 ml / m <sup>2</sup>	13 m <sup>2</sup>	120 ml / m <sup>2</sup>	8 m <sup>2</sup>
granite polished	36 ml / m <sup>2</sup>	28 m <sup>2</sup>	60 ml / m <sup>2</sup>	17 m <sup>2</sup>	96 ml / m <sup>2</sup>	10 m <sup>2</sup>
granite nature, raw	42 ml / m <sup>2</sup>	24 m <sup>2</sup>	70 ml / m <sup>2</sup>	14 m <sup>2</sup>	110 ml / m <sup>2</sup>	9 m <sup>2</sup>
sandstone, absorbing	54 ml / m <sup>2</sup>	19 m <sup>2</sup>	90 ml / m <sup>2</sup>	11 m <sup>2</sup>	144 ml / m <sup>2</sup>	7 m <sup>2</sup>
lime stone, absorbing	60 ml / m <sup>2</sup>	17 m <sup>2</sup>	100 ml / m <sup>2</sup>	10 m <sup>2</sup>	160 ml / m <sup>2</sup>	6 m <sup>2</sup>
textiles, fine	36 ml / m <sup>2</sup>	28 m <sup>2</sup>	60 ml / m <sup>2</sup>	17 m <sup>2</sup>	96 ml / m <sup>2</sup>	10 m <sup>2</sup>
textiles, rough	45 ml / m <sup>2</sup>	22 m <sup>2</sup>	75 ml / m <sup>2</sup>	13 m <sup>2</sup>	120 ml / m <sup>2</sup>	8 m <sup>2</sup>
mineral plaster	42 ml / m <sup>2</sup>	24 m <sup>2</sup>	70 ml / m <sup>2</sup>	14 m <sup>2</sup>	112 ml / m <sup>2</sup>	9 m <sup>2</sup>
house paint	42 ml / m <sup>2</sup>	24 m <sup>2</sup>	70 ml / m <sup>2</sup>	14 m <sup>2</sup>	112 ml / m <sup>2</sup>	9 m <sup>2</sup>
concrete uncoated, fine	30 ml / m <sup>2</sup>	33 m <sup>2</sup>	50 ml / m <sup>2</sup>	20 m <sup>2</sup>	80 ml / m <sup>2</sup>	13 m <sup>2</sup>
concrete uncoated, rough	36 ml / m <sup>2</sup>	28 m <sup>2</sup>	60 ml / m <sup>2</sup>	17 m <sup>2</sup>	96 ml / m <sup>2</sup>	10 m <sup>2</sup>
brick, clinker unglazed	36 ml / m <sup>2</sup>	28 m <sup>2</sup>	60 ml / m <sup>2</sup>	17 m <sup>2</sup>	96 ml / m <sup>2</sup>	10 m <sup>2</sup>
brick glazed	25 ml / m <sup>2</sup>	40 m <sup>2</sup>	40 ml / m <sup>2</sup>	25 m <sup>2</sup>	64 ml / m <sup>2</sup>	16 m <sup>2</sup>
<b>base coat / primer</b>	<b>minimum</b>		<b>medium</b>		<b>maximum</b>	
not absorbing surfaces	12 ml / m <sup>2</sup>	83 m <sup>2</sup>	20 ml / m <sup>2</sup>	50 m <sup>2</sup>	32 ml / m <sup>2</sup>	31 m <sup>2</sup>
absorbing surfaces	18 ml / m <sup>2</sup>	56 m <sup>2</sup>	30 ml / m <sup>2</sup>	33 m <sup>2</sup>	48 ml / m <sup>2</sup>	21 m <sup>2</sup>
<b>odour neutralisation and air cleaning</b>	<b>minimum</b>		<b>medium</b>		<b>maximum</b>	
even surfaces	9 ml / m <sup>2</sup>	111 m <sup>2</sup>	15 ml / m <sup>2</sup>	67 m <sup>2</sup>	24 ml / m <sup>2</sup>	42 m <sup>2</sup>
raw surfaces	18 ml / m <sup>2</sup>	56 m <sup>2</sup>	30 ml / m <sup>2</sup>	33 m <sup>2</sup>	48 ml / m <sup>2</sup>	21 m <sup>2</sup>
<b>antibacterial application</b>	<b>minimum</b>		<b>medium</b>		<b>maximum</b>	
even surfaces	36 ml / m <sup>2</sup>	28 m <sup>2</sup>	60 ml / m <sup>2</sup>	17 m <sup>2</sup>	96 ml / m <sup>2</sup>	10 m <sup>2</sup>
raw surfaces	54 ml / m <sup>2</sup>	19 m <sup>2</sup>	90 ml / m <sup>2</sup>	11 m <sup>2</sup>	144 ml / m <sup>2</sup>	7 m <sup>2</sup>

Total area to be coated with one litre of liquid:

