

Specifications for the application of NG 1314 and NG 1314/D, inorganic nanotechnology glass coatings on internal and external glass surfaces. (Manual application)

Item number	Description	quantity /unit	price per unit	total
1	<p>Ultra-thin, and scratch resistant glass coating NG 1314: NG 1314 is a completely invisible ultra-thin coating, formulated with inorganic colloidal silica to impart water repellency and an easy to clean effect on glass surfaces. NG 1314 is inorganic and is therefore UV resistant. The coating is free of silicone, wax, Teflon and siloxane. NG 1314 provides a hardness of at least 6.5 Mohs once fully cured..</p> <p><u>Surface preparation:</u> The surface must be clean, dry and free of dirt, dust, contaminants, oil and other coatings. If the glass shows mineral deposits and hard water stains, Nanovations CL 40 should be used first. Standard surface preparation tools can be used on larger areas. Remove all dirt and dust. Use CL 50. It contains submicron abrasive particles to remove surface contaminations, from substrates like glass and glazed sanitary ceramic. CL 50 activates the bonding abilities of the glass substrates to the Nano-coatings and significantly increases the number of molecular bonding points. Use a spray and wipe application, or slightly wet a nonwoven cleaning cloth. Thoroughly clean the surface using a nonwoven cloth with circular, polishing motions. The clean glass will show a high static friction as indication that all contaminations are removed. Test the glass cleanliness with a water droplet test prior the coating. Let the glass dry.</p>	m2.....
2	<p><u>Glass coating application :</u></p> <p>The surface must be dry. On framed glass make sure the sealant along the frames is wiped dry as well. The manual application takes place in a processing step, whereby the coating is applied by a spray and wipe method. Refer the technical data sheet. The consumption rate is between 200 m2 – 400 m2 / liter . Coating thickness is less than 60 Nm. Avoid application on extremely hot surfaces.</p>	m2.....
3	<p><u>Curing</u></p> <p>NG 1314 is water-resistant 30-minutes after application, reaching its optimal repellent effect within 12-24 hours. The water resistance can be accelerated with Infra-Red light if required. The curing is a self-assembling process and not a drying process. Coated glass can be instantly staged and packed. For the use of sealant with the coated glass we recommend to wait 24 hours to ensure optimal bond.</p>			
	<p><u>Recommendation:</u> (Project related variations)</p>	m2.....
4	Total	m2.....	total