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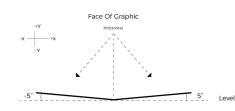
KKVINYL CARBON/TEXTURE/PATTERN WRAPS TECHNICAL DATASHEET 2024

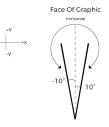
N0.	SERIES	CC	DDE SERIES	COLORS	SIZE	THICKNESS	
1	Fashion Carbon Fiber	CD	CD -T	4	60 " x 60ft / 1520mm x 18m	190 Microns	
2	Textured Vinyl	ТΧ	TX-T	16	60 " x 60ft / 1520mm x 18m	170 Microns	
3	Satin Glitter Vinyl	SBM		8	48 " x 60ft /1220mm x18m	180 Microns	
4	Chameleon Carbon Fiber	HD		5	60 " x 60ft / 1520mm x 18m	180 Microns	
5	Brushed Steel Vinyl	MBF		3	60 " x 60ft / 1520mm x 18m	130 Microns	
6	3D Carbon Fiber	3D		1	60 " x 60ft / 1520mm x 18m	150 Microns	
7	4D Carbon Fiber		4D-T	1	60 " x 60ft / 1520mm x 18m	140 Microns	
8	5D Carbon Fiber	5D01		1	60 " x 60ft / 1520mm x 18m	170 Microns	
9	5D Carbon Fiber	5D02	5D02-T	1	60 " x 60ft / 1520mm x 18m	165 Mircons	
10	6D Carbon Fiber	6D01	6D01-T	1	60 " x 60ft / 1520mm x 18m	165 Mircons	
11	7D Carbon Fiber	7D01		1	60 " x 60ft / 1520mm x 18m	180 Microns	
12	Printing Vinyl	PV		1	60 " x 60ft / 1520mm x 18m	140 Microns	
						SPECIFICATIONS	
Finish			Carbon/Texture/Pattern				
Film Type			High-grade polymeric calendered self-adhesive film				
Protective Liner			PETLiner				
Adhesive			Henkel solvent-based acrylic adhesive (Transparent Adhesive)				
Removability			Low Tack removable adhesive ,maximum adhesion is achieved in 24 hours				
Release liner			New air drain technology (ADT) ensures fast and easy bubble free installation				
Storage Period			2 Years from the Manufactured Date in Temperature Range of +10°C to +25°C Relative Humidity 50%, in original package, away from direct sunlight, clean and dry place.				
Application Conditions			We strictly recommend applying film indoors, as this will not only help maintain a consistent temperature, it will also reduce the amount of dust and contaminants that may collect on the surface.				

DURABILITY INFORMATION

KKVINYL doesn't make a post-installation warranty on the glitter diamond ,5D,6D,7D ,Printing vinyl (Code: SBM,5D01,6D01,7D,PV) Installation of Glitter diamond vinyl is not recommended for beginners! Even at a professional, expert level, glitter diamond wraps are very difficult and installers make mistakes during install. Make sure you get plenty of extra material when purchasing material

Even at a professional, expert level, glitter diamond wraps are very difficult and installers make mistakes during install. Make sure you get plenty of extra material when purchasing material for your vehicle. (We offer special size for glitter diamond wraps (code : SBM) 48 " x 60ft /1220mm x18m .





* HORIZONTAL EXPOSURE

The face of the graphic is $(+/-5^{\circ})$ from horizontal.

* VERTICAL EXPOSURE

VERTICAL EXPOSURE	ZONE 1	ZONE 2	ZONE 3
CD / TX / MBF / 3D / 4D / 5D02	3 Years	2 Years	1 Year
HORIZONTAL AND NON_VERTICAL EXPOSURE	ZONE 1	ZONE 2	ZONE 3
CD / TX / MBF / 3D / 4D / 5D02	2 Years	1 Years	Up to 1 Year

Zone 1

Zone 1: Andorra, Armenia, Austria, Azerbaijan, Belorussia, Belgium, Bosnia-Herzegovina, Canada, Croatia, Czech RepublicDenmark, Estonia, Finland, metropolitan France, Georgia, Germany, Greenland, Hungary, Island, Ireland, Italy (north of Rome)Kazakhstan, Latvia, Lichtenstein, Lithuania, Luxembourg, Moldavia, Montenegro, Norway, the Netherlands, Poland, Romania, UnitedKingdom, Russia, Serbia, Slovakia, Slovenia, Sweden, Switzerland, Ukraine, USA (excl.: USA desert's - zone 3)

Zone 2

Zone 2: Afghanistan, Albania, Argentina, Australia (southern States), Bahamas, Barbados, Belize, Bangladesh, Bhutan, Burma Bolivia, Brazil, Bulgaria. Cambodia. Cape Verde, Caribbean Islands, Chile, China. Cooperative Republic of Quvana, Cuba. CvprusColombia, Costa Rica, Crete, Ecuador, El Salvador, Fi, French West Indies, Greece, Guatemala, Quyana, Haiti, Honduras, indialndonesia, Italy (south of Rome), Jamaica japan, Kyrgyzstan, Korea, Laos, Lesotho, Macedonia, Malaysia, Maldives, Malta, Mongolia.Nepal, Nicaragua, New Zealand, Pakistan, Panama, Papua-New-Guinea, Paraguay, Peru, Philippines, Polynesia, Porto Rico, Portugal, Dominican Republic, Sardinia, Singapore, South Africa, Spain, Sri Lanka, Surinam, Swaziland, Syria, Taiikistan, Taiwan, ThallandEast Timor, Turkey, Turkmenistan, Uruguay, USA (Arizona, California, Florida Nevada, New Mexico, Texas, Utah, Uzbekistan, Venezuela, Vietnam, West Indies..

Zone 3

one 3: Algeria, Angola, Australia (northern and desert states), Bahrain, Benin, Botswana, Burkina Faso, Burundi, CameroonCentral African Republic, Chad, Congo, Democratic Republic of Congo, Djibouti, Egypt, quatorial Guinea, Erthrea, Ethiopia, GabonGambia, Ghana, Guinea, Guinea-Bisau, Irag, Iran, Israel, Ivory Coast, jordan, Kenya, Kuwait, Lebanon, Liberia, Libya, MadagascarMalawi, Mali, Morocco, Maurifius, Mau fexico, Mozambique. Namibia. Nigeri, Nigeria, Oman. Palestine. Oatar. Reunion IslandRwanda, Senegal, Saudi Arabia, Sierra Leone, Somalia, Sudan, Tanzania, Togo, Tunisia, Uganda, United Arab Emirates, VesternSahara, Yemen, Zambia, Zimbabwe and all desert areas.

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Conformability	APPLICATION AND END USES Flat, simple and moderate compound curves, convex and concave surfaces
Applications	Full Vehicle Wraps & Graphics, Architectural Signage, Buses, Cars, Trucks & Vans, Mirrors, Bumpers, Hoods, Roofs, Door handles, Vehicle lettering, Interior trim, Watercraft, Decals & Stripes, Accents & Trim, Dash panels, Electronics .(smooth and medium curved surfaces)
End Uses limitations	1)Surfaces painted with poor paint 2)Low surface energy substrates 3)Weak binding surfaces
	4) Rusty metal surfaces like iron, coper, brassy, silver; surfaces with silicone, wax, or any other coating (ceramic, quartz) -Moist or cold surfaces with weak binding
	OPERATING RECOMMENDATIONS
Application Tools	High density felt squeegee Sharp Blade (Knives with 30 and 45-degree blades)
	Professional temperature controllable heat gun
	Lint-Free Towel or Lint-Free Paper Towel (Make sure that the surface, edges, corrugations, hollows, humidity under rubber seals and joints of the vehicle are dry)
	Wrap Gloves
Pre-installation	Follow the recommended aplication temperature. Operating in temperatures below recommended impairs adhesive layer properties and reduces its stickiness on the edges. Operation in temperature above recommended causes destruction of air release channels. Air release channels collapse causes adhesive lines.
	The glitter diamond vinyl wraps (code: SBM) itself is stretchable, and there is no need to use the heat gun for heating and baking during the normal installation process. When wrapping edge, if need, it depends, can use heat gun to assist it appropriately.
	SURFACE CLEANING
Pre-Installation Cleaning Products	 Clean the surface with a soapy solution. General Paint-safe Cleaner, Clean away any petrochemical contaminates (tar, oil, grease)
	3) Grease and wax remover
	4) Clean the surface with abrasive clay to remove the rest of the contamination
Steps to wash car after wrapping	5) Isopropyl Alcohol (IPA)1) Dont' washing the car during wrapped after one week
	 2) Keeping your vehicle wrap clean by hand washing your vehicle regularly.
	3) Do not take the car through automatic car washes with bristles. Only use touchless automatic car washes.
	4) Rinse off as much dirt (Clean stains / droppings immediately) as possible with a spray of water, non-abrasive automotive soap, then rinse and dry with soft microfibers.
	5) A high-pressure spray can be used on most vinyl wraps from a distance. Keep the nozzle at least 12 inches away from the surface. Never point the nozzle directly on wrap or against a seam as a rip or tear could appear. Please note that the aplication of waxes, polishes, or coatings changes the finish and may impact the film's longevity.
	Gloss finishes can be waxed with a polymer based wax, never use an electric buffer!
Avoid Wax products on matte/satin finishes	Matte and satin finishes require a bit more maintenance. Never use wax or other products used to protect paint on matte or satin as it will ruin the finish.
	The films with matte finish are more sensitive to contaminations and should be cleaned more often (handwash only)
	Park your car in the shade. The constant beating of the sun is bad enough on paint and is much harsher on vinyl. Protected or not. If possible, park your car in the garage to protect the wrap. Otherwise, this may lead to faster color fading and change the adhesive properties. Precipitation like rain may have pollutants.
	FILM REMOVAL
	Car wraps are intended to be temporary. But if you take extremely good care of the vinyl wrap, it can last for 5years. Vinyl used for a vehicle wrap, no matter how good it is, simply is not as robust and durable as a good coat of paint. This doesn't mean that a car wrap cannot look great for many years – all it takes is proper care. That extra care can add a few more years to your car wrap's longevity. Note: Vinyl is a lot softer than paint, this means that it can be easily damaged or scratched. But one of the joys of vinyl vehicle wraps is that you can easily remove it.
How to remove a vehicle wrap	1)Do start from an edge and loosen the wrap carefully from there.
	2)Don't use abrasive tools to lift the edge – a plastic spatula or squeegee should do.
	 Bo heat the vinyl gently to relax the adhesive and make it easier to peel off. A)Don't overheat it – this can leave adhesive residue and/or damage paintwork.
	5)Do peel carefully and methodically to remove the vinyl in a single piece.
	6)Don't panic if it tears, just continue from a loose edge and reheat if needed.
	Work methodically and discard each vinyl panel as it is removed. Don't worry too much about adhesive residue - it's best to keep this to a minimum, but it can be polished away at the end.
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Glitter Diamond Vinyl #SBM	The first thing you have to understand is that this gorgeous, dazzling and glitter diamond encrusted was originally designed for interior decoration only, which means that this material, this design, this diamond encrusted, diamond-like particle decoration is not going to be able to withstand the wind and rain outside. In view of the ever-increasing aesthetic needs of the vehicle wraps industry, we as a manufacturer, in order to respond to market demand, we have improved and updated the design of this material.
	Glitter diamond vinyl wraps (code:SBM)can not be washed with water gun, daily maintenance can be gently wiped with a rag to remove dust.Please pay at Due to the particularity of the material of Diamond Encrusted, must not be caught in the rain. Don't need to worry about the glue, since we're using Henkel solvent-based acrylic adhesive. After you remove it, won't leaving absolutely adhesive residue on the car surface.
Carbon fiber 5D, 6D, 7D	Not waterproof We recommend manual cleaning with Lint-Free Towel by hand . Please dry it in time after the rain Otherwise, there will be white water mist between the carbon fiber layer and the first layer of bright surface
	kkvinylusa.com