



BSC paints



*Glass
Coatings*

*Nayi Duniya
Naye Rang*

Splatter Granite Effect



Transparent Colour Combinations



*Brilliant
solutions.
Limitless
possibilities.*

Frosted & Stencils



Glass possesses a number of unique properties, especially the ability to create different optical effects. It has always been a subject of expert's interest in the field of construction, interior decoration, furniture and more. With the global advancements in technology, Glass Coatings are the latest fashion trend even though the technique is available with a few select companies in India.

Glass fashions from **BSC paints**

One of the latest innovations at **BSC paints** is an exquisite, attractive range of Glass fashions. This range includes:

1. Transparent / Opaque colours
2. Translucent Metallics
3. Special Effects – Marble, Splatter and Granite
4. Frosted Finishes
5. Customizable Stencil Designs

Transparent Blue



Opaque Lemon



Transparent Red



UTILITY

Using coloured glass has always been a decor must-do, be it the Church enclaves or even in classics like in Devdas, where the idea was extended to Art Deco elements - Lamp Shades, Vases, Planters, Murals, Glass Separators and utility areas like Glass Basins, Table Tops, Counter-tops, Ceilings, Railings, Wall Hangings, Kitchen Cabinets, Furniture and Banisters.

Frosted Colour



Opaque Green



Transparent Green





Recommended use

This product is recommended as coating for glass substrate for application on perfume bottles, pharma bottles and many other glass articles. It can also be used for some special plated substrates directly.

Application guidelines

This product is recommended for glass and plated substrate. Glass substrate must be free from dust grease etc. and should be cleaned with solvent. Nickel and gold plated substrate can be used after ultrasonic cleaning. It can also be used over nickel and GI substrate after ultrasonic cleaning. This is a two-component product. Ensure recommended mixing proportions of Base, Hardener and Thinner and apply within the specified pot life. Film properties to be checked after maturity of film varying from 3-7 days.

GLASS COATING CLEAR COAT



IN-CAN PROPERTIES

Viscosity @ 30°C	50 ± 5 sec. FCB4 cup	Specific gravity	0.97 ± 0.03
Non - volatile matter	42 ± 2%	Resistivity	N.A.
Chemical Composition	PU	Shelf life @ 30°C	One year in a tightly closed container

FILM PROPERTIES

Gloss @ 60°	95 ± 5
Scratch hardness	2 kg
Direct impact resistance	63 cm
Acetone double rub	50 Times
Alkali resistance	24 hrs
Grease resistance	24 hrs
Water immersion	24 hrs
Adhesion	0/25
Flexibility	6 mm
Xylene double rub	50 times
Acid resistance	24 hrs
Lubricating oil	24 hrs
Humidity resistance	240 hrs
Q-UV Weatherometer (ASTM G - 154)	700 hrs

APPLICATION PROPERTIES

Mixing ratio	4:1	Recommended thinner	Glass Coating PU Thinner
Thinner intake	20 - 25% (v/v)	Spray viscosity 30°C	18 + 2 sec, FCB4 cup
Pot life @ 25°C	>3 hrs	Drying	
Dry film thickness	25 - 35 micron	Surface dry	20 - 25 min
Coverage (on non-absorbent surface)	12 to 16 sq. m	Tack free dry	3 - 4 hrs
[Theoretical @ 25 to 35 micron per coat/Lt.]		Hard dry	16 hrs
		or	
		Flash off	10 min
		Forced drying	80°/ 30 min



Recommended use

This product is recommended as coating for glass substrate for application on perfume bottles, pharma bottles and many other glass articles. It can also be used for some special plated substrates directly.

Application guidelines

This product is recommended for glass and plated substrate. Glass substrate must be free from dust grease etc. and should be cleaned with solvent. Nickel and gold plated substrate can be used after ultrasonic cleaning. It can also be used over nickel and GI substrate after ultrasonic cleaning. This is a two-component product. Ensure recommended mixing proportions of Base, Hardener and Thinner and apply within the specified pot life. Film properties to be checked after maturity of film varying from 3-7 days.

GLASS COATING BLACK GLOSS



IN-CAN PROPERTIES

Viscosity @ 30°C	65 ± 5 sec. FCB4 cup	Specific gravity	0.98 ± 0.03
Non - volatile matter	46 ± 2%	Resistivity	N.A.
Chemical composition	PU	Shelf life @ 30°C	One year in a tightly closed container

FILM PROPERTIES

Gloss @ 60°	95 ± 5
Scratch hardness	2 kg
Direct impact resistance	63 cm
Acetone double rub	50 Times
Alkali resistance	24 hrs
Grease resistance	24 hrs
Water immersion	24 hrs
Adhesion	0/25
Flexibility	6 mm
Xylene double rub	50 times
Acid resistance	24 hrs
Lubricating oil	24 hrs
Humidity resistance	240 hrs
Q-UV Weatherometer (ASTM G - 154)	700 hrs

APPLICATION PROPERTIES

Mixing ratio	4:1	Recommended thinner	Glass Coating PU Thinner
Thinner intake	25 - 30% (v/v)	Spray viscosity 30°C	20 + 2 sec, FCB4 cup
Pot life @ 25°C	>3 hrs	Drying	
Dry film thickness	25 - 30 micron	Surface dry	20 - 25 min
Coverage (on non-absorbent surface)	15 to 22 sq. m	Tack free dry	3 - 4 hrs
		Hard dry	16 hrs
		or	
		Flash off	10 min
		Forced drying	80° / 30 min



Recommended use

This product is recommended as coating for glass substrate for application on perfume bottles, pharma bottles and many other glass articles. It can also be used for some special plated substrates directly.

Application guidelines

This product is recommended for glass and plated substrate. Glass substrate must be free from dust grease etc. and should be cleaned with solvent. Nickel and gold plated substrate can be used after ultrasonic cleaning. It can also be used over nickel and GI substrate after ultrasonic cleaning. This is a two-component product. Ensure recommended mixing proportions of Base, Hardener and Thinner and apply within the specified pot life. Film properties to be checked after maturity of film varying from 3-7 days.

GLASS COATING ALL COLOURS



IN-CAN PROPERTIES

Viscosity @ 30°C	50 ± 5 sec. FCB4 cup	Specific gravity	1.00 ± 0.03
Non - volatile matter	46 ± 2%	Resistivity	N.A.
Chemical composition	PU	Shelf life @ 30°C	One year in a tightly closed container

FILM PROPERTIES

Gloss @ 60°	95 ± 5
Scratch hardness	2 kg
Direct impact resistance	63 cm
Acetone double rub	50 Times
Alkali resistance	24 hrs
Grease resistance	24 hrs
Water immersion	24 hrs
Adhesion	0/25
Flexibility	6 mm
Xylene double rub	50 times
Acid resistance	24 hrs
Lubricating oil	24 hrs
Humidity resistance	240 hrs
Q-UV Weatherometer (ASTM G - 154)	700 hrs

APPLICATION PROPERTIES

Mixing ratio	4:1	Recommended thinner	Glass Coating PU Thinner
Thinner intake	25 - 30% (v/v)	Spray viscosity 30°C	18 ± 2 sec, FCB4 cup
Pot life @ 25°C	>3 hrs	Drying	
Dry film thickness	20 - 25 micron	Surface dry	20 - 25 min
Coverage (on non-absorbent surface)	16 to 24 sq. m	Tack free dry	3 - 4 hrs
		Hard dry	16 hrs
		or	
		Flash off	10 min
		Forced drying	80°/ 30 min



Recommended use

This product is recommended as coating for glass substrate for application on perfume bottles, pharma bottles and many other glass articles. It can also be used for some special plated substrates directly.

Application guidelines

This product is recommended for glass and plated substrate. Glass substrate must be free from dust grease etc. and should be cleaned with solvent. Nickel and gold plated substrate can be used after ultrasonic cleaning. It can also be used over nickel and GI substrate after ultrasonic cleaning. This is a two-component product. Ensure recommended mixing proportions of Base, Hardener and Thinner and apply within the specified pot life. Film properties to be checked after maturity of film varying from 3-7 days.

GLASS COATING CRACKLE FINISH



IN-CAN PROPERTIES

Viscosity @ 30°C	50 ± 5 sec. FCB4 cup	Specific gravity	0.98 ± 0.03
Non - volatile matter	38 ± 2%	Resistivity	N.A.
Chemical composition	PU	Shelf life @ 30°C	One year in a tightly closed container

FILM PROPERTIES

Gloss @ 60°	95 ± 5
Scratch hardness	2 kg
Direct impact resistance	63 cm
Acetone double rub	50 Times
Alkali resistance	24 hrs
Grease resistance	24 hrs
Water immersion	24 hrs
Adhesion	0/25
Flexibility	6 mm
Xylene double rub	50 times
Acid resistance	24 hrs
Lubricating oil	24 hrs
Humidity resistance	240 hrs
Q-UV Weatherometer (ASTM G - 154)	700 hrs

APPLICATION PROPERTIES

Mixing ratio	4:1	Recommended thinner	Glass Coating PU Thinner
Thinner intake	25 - 35% (v/v)	Spray viscosity 30°C	18 + 2 sec, FCB4 cup
Pot life @ 25°C	>3 hrs	Drying	
Dry film thickness	15 - 25 micron	Surface dry	20 hrs
Coverage (on non-absorbent surface)	12 to 21 sq. m	Tack free dry	3 hrs
		Hard dry	16 hrs
		or	
		Flash off	10 min
		Forced drying	80°/ 30 min



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