

DECIA COVER

DESCRIPTION

Decia Cover is a shading paint, entirely removable. It is applied over greenhouse covers, both flowers and agricultural crops, in order to reduce light and temperature. It reduces solar energy inside the greenhouses, increasing the production yields, quality and avoiding specific diseases caused by particular light environment and heat.

The Decia Cover has to be diluted in water and can filter from 10% up to 90% of the natural solar light, depending on the concentration of Decia Cover / Water and number of layers sprayed.

The application and removal of DeciaCover are bio-compatible , non-toxic process; there is no environmental risk (air, soil and water pollution) and danger for the workers.

Decia Cover safeguard cover materials and preserve application tools, also because a total absence of acid and alcohol-derived solutions.

CHEMICAL-PHYSICAL CHARACTERISTICS

COLOR	white
APPEARANCE	matt
COMPOSITION	water-based solution, chemically bonded copolymer
SPECIFIC WEIGHT	1.55 ± 0.05 Kg/Lt
DRY REST	65 ± 1%
PACKAGING	Bucket Lt. ±25 Kg, Tank Kg1000

MAINTENANCE

Decia Cover is not frostproof. Valdecia suggests to store the product between +5°C and +35°C . Decia Cover can be easily maintained over years if the packaging is kept closed.

APPLICATION

GREENHOUSE COVER MATERIAL Plastic film, Polycarbonate panels, Fiberglass, Glass

WEATHER Dry. Reccomended temperature between +8 and +32 gradi °C

DeciaCover can be applied to all kind of greenhouse structure, located in any geographical area. Decia Cover can be redesigned in order to reach optimal performance also in highly specific framework features. DeciaCover is applicable to Plastic film, Polycarbonate panels, Fiberglass, Glass.

Valdecia recommends the utmost caution to weather forecast during the applications. In order to obtain the best out of DeciaCover resistance, Valdecia suggests to avoid rain in the first 36 hours after the application. Before spraying, the cover has to be dry and clean. Valdecia suggests to spray on newly bought greenhouse covers with optimal weather conditions (23°C-29°C), an already sprayed cover is easier to be repainted (the paint fasten more to old paint than clean covers).

APPLICATION SYSTEMS

STANDARD SOLUTIONS	1:3_Min	1Kg DECIACOVER : 3Kg water
	1:5_Max	1Kg DECIACOVER : 5Kg water

Mix carefully DeciaCover with Water. During the application, keep the solution moved/lightly agitation (in order to keep homogeneously mixed DeciaCover-Water; oscillation due to human walk or swinging due to tractor movements is enough). Valdecia suggests to vary the intensity of the shade via dilution up to 10% (+ water – shadow) and for higher variation a further application layer of Decia Cover (only 36 hours after the previous layer application).

APPLICATION TOOLS Manual spray, mechanical with arch, aerial treatment, atomizer

RESULTS

The performance of the paint can vary depending on meteorological conditions, application tool and solution.

24Kg=14L average bucket DeciaCover in 75Lt Water can be sprayed over 1000 SqM greenhouse structure, it reduces 25% actual solar intensity.

1 st Layer: 21KgDeciaCover : 75Lt H ₂ O / 1000 SqM =>	- 25%, less solar rays in greenhouse
2 nd Layer: 21KgDeciaCover : 80Lt H ₂ O / 1000 SqM =>	- 40%, less solar rays in greenhouse
3 rd Layer: 21Kg DeciaCover : 80Lt H ₂ O / 1000 SqM =>	- 60%, less solar rays in greenhouse
4 th Layer: 21Kg DeciaCover: 75Lt H ₂ O / 1000 SqM=>	- 80%, less solar rays in greenhouse

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