

Shade paint for agricultural greenhouses in glass or plastic.

- VERY GOOD WEATHER RESISTANCE.
- ADAPTED TO ALL CLIMATES.
- ADJUSTABLE INTENSITY OF SHADE ACCORDING TO DILUTION RATE.
- APPLICABLE ON GLASS OR PLASTIC STRUCTURES.
- EASY ELIMINATION WITH OMBRASTOP REVERSO.
- BARRIER AGAINST INFRAREDS AND UV RADIATIONS.



PRODUCT IDENTIFICATION

DEFINITION

Seasonable use paint, based on mineral fillers and water-borne acrylic copolymer, specially designed for shading plastic or glass greenhouses of horticulturists or market gardeners with high coverage.

Can be removed at any time with the OMBRASTOP REVERSO solution.

CHARACTERISTICS

- **Non-volatile matter:**
By weight : 57,3 ± 2,0 %. By volume : 37,5 ± 2,0 %.
- **Density:** 1,47 ± 0,05 kg/dm³.
- **Drying time** (at 23°C and RH = 50 %):
Touch dry : 2 hours.
Recoat : 6 hours.
- **Flash point:** non-flammable, water-based product.
- **In-can aspect:** thick product.
- **Finishing aspect:** mat.

QUALITY CONTROL

The above characteristics are given by reference to standards relevant for the FPC (Factory Production Control). This FPC is carried out according to certified quality & environmental management ISO 9001 (2015) and ISO 14001 (2015).

DESCRIPTION

- Active homogeneous shading.
- Choice of the level of opacity.
- Expanding application period (depending on regional climate).
- Opaque in dry condition and translucent in wet condition.
- Good resistance to rain and UV. Use of OMBRASTOP REVERSO is mandatory to remove OMBRAFLEX REVERSO.
- Protection against overheating: the paint coating reflects solar radiation. During warm weather or heatwave, dampen plantations and surrounding air to compensate excessive evaporation of water.
- Easy to apply and homogenous distribution with application by helicopter. Limit the number of passes.

CAUTION

- Do not apply by temperatures below 5°C and with Relative Humidity (RH) above 80%, during frosty weather conditions, risk of forthcoming rain (within the 12 hours after the application), frozen, wet and/or hot substrates (above 35°C).
- Remove all previous coatings before applying OMBRAFLEX REVERSO to ensure proper removal by OMBRASTOP REVERSO.

USES

WORKS: new or maintenance.

DESTINATION: greenhouses (horticulturists, market gardeners, etc.), industrial glass-roof, glazing.

LOCATION: exterior.

WELL PREPARED SUBSTRATES: plastic films (polyethylene, E.V.A or similar), translucent glass or plastic panels (polycarbonate, etc.)

SPREADING RATE:

Level of shading	product	Thinning (water)	Practical coverage
OMBRAGE LÉGER	OMBRAFLEX REVERSO 20 kg	+ 130 to 150 litres	1700 to 2200 m ²
OMBRAGE MOYEN		+ 90 to 110 litres	1200 to 1700 m ²
OMBRAGE INTENSIF		+ 50 to 70 litres	720 to 1200 m ²

APPLICATION MODE

PREPARATION:

Make sure surfaces to be painted are sound, clean, dry, and free from previous shade paint for the first application of the season.

TOOLS:

OMBRAFLEX can be sprayed using a tractor equipped with tanks and rotary atomizers or even a helicopter. The pressure should be between 8 to 10 bars (adapted to the type of sprayer being used).

THINNING:

With clean water (tap water, temperature 25 ° C maximum and pH close to 7).

Pour OMBRAFLEX REVERSO into a large capacity container (or atomizer tank of machines). Gradually stir in the water and mix thoroughly to prevent clogging of the nozzle of the spray equipment and to obtain a good distribution of the product on the surface to be treated (see table above).

APPLICATION: by regular spraying of the diluted product in one pass, avoiding overloads. However, the application can be carried out in two or three passes depending on the technique used and the desired opacity.

TOOLS CLEANING: with water, immediately after use, eventually with some OMBRASTOP REVERSO

RECOMMENDATIONS*

OMBRAFLEX REVERSO	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Horticulture, nursery	POSSIBLE	MOYEN	MOYEN	MOYEN	INTENSIF	INTENSIF	MOYEN	MOYEN	MOYEN	POSSIBLE	POSSIBLE	NON ADAPTÉ
Vegetable growing	POSSIBLE	POSSIBLE	POSSIBLE	MOYEN	MOYEN	INTENSIF	MOYEN	MOYEN	MOYEN	POSSIBLE	POSSIBLE	NON ADAPTÉ

OMBRAGE  LÉGER  MOYEN  INTENSIF  POSSIBLE  NON ADAPTÉ

* True for temperate climate in north hemisphere.

COATING REMOVAL

Unlike other products in the OMBRAFLEX range, OMBRAFLEX REVERSO is only slowly removed by UV action. To effectively remove OMBRAFLEX REVERSO:

- Apply OMBRASTOP REVERSO according to the prescribed quantity (see technical data sheet), and wait for the complete matting of it (between 1 and 3 hours after application).
- Within 2 days, remove residues by rinsing with clean water under low pressure. Heavy rain may also be suitable.
- After rinsing, if traces persist, repeat the cleaning operation on the concerned areas and if necessary, provide for the elimination of residues by manual action (brushing with clean water).
- Dispose of waste water responsibly.

PACKAGING AND TINT

PACKAGING: 20 kg (bucket)

TINT: white. Do not add any colorant.

HEALTH, SAFETY & ENVIRONMENT

Safety datasheets: available on www.ombraflex.com or www.quickfds.fr.

VOC (Directive 2004/42/CE): EU limit value for this product, cat. A/i: 140 g/l. The ready mixed product contains max 10 g/l VOC.

OMBRAFLEX REVERSO does not contain any of the most dangerous substances that should not be introduced into groundwater and listed in the «I» list in the Annex to Directive 80/68 / EEC on the protection of groundwater.

OTHER INFORMATION

Maintenance : with the original product.

Shelf life : 12 months in its original unopened packaging kept away from humidity, frost and heat.

Waste treatment: in case of leftover paint, please dispose of it responsibly (depends on national regulation).

CONDITIONS OF USE :

This product must be used according to above information and manufacturer general terms of sales. The provided data are the result of product qualification tests for a use in conformity with Good Utility Practice: standards, professional rules, regulations, technical user documentation of the manufacturer (technical specifications, private standards and so on...). It is up to the user to evaluate the substrate characteristics for his preparation and execution works, after checking that the technical product data sheet has not been modified by a more recent edition and that he has all the documents to which the information sheet refers.



For France : ALLIOS SAS - 185 Chemin de Saint-Lambert - 13 821 LA PENNE-SUR-HUVEAUNE - France
Tél. : 04 96 12 50 00 - Fax : 04 91 47 80 65 - e-mail : contact@ombraflex.com
Export Department : ALLIOS SAS 2648, RD 6007 - 06270 VILLENEUVE-LOUBET - France
Tel.: +33 4 92 02 66 61 - Fax: + 33 4 92 02 66 59 - e-mail: service.export@allios.fr
www.ombraflex.com

Mise à jour : Novembre 2020

3/3