

DESCRIPTION

ARCASHADE is a water-borne paint based on acryl copolymers, fillers and pigments designed to shade plastic or glass greenhouse structures as well as diminish penetration of light through glass walls or windows. Applied early spring it will lower greenhouse temperatures during the warmer spring and summer growing seasons, fade off and disappear with end of the summer or early autumn rains.

Dedicated to sustainable development, ARCANE INDUSTRIES has developed ARCASHADE to meet strict safety and health standards and ensure minimal impact on the environment.

SUBSTRATES

plastic or glass greenhouse structures

BENEFITS

- easy to use, mixes well with water
- high opacity despite water dilution
- allows variations in the intensity of shade obtained depending on the rate of dilution
- cost effective with respect to traditional lime-based coatings
- safe to use
- **WEATHER SENSITIVE:**
 - in dry hot weather will protect against sun and glare,
 - in damp weather, will restore light transmission

PRINCIPAL USES

An alternative to lime based whitewashing which must be applied on a regular basis during hot weather and is difficult to remove at the end of the summer, ARCASHADE will last up to 7 months and fade off naturally at the end of the summer or with the onset of the autumn rains.

ARCASHADE will protect the interior of the greenhouse from:

- glare and intensity of sunlight
- high temperatures
- humidity

The degree of dilution and number of applications are adapted to the local weather conditions (intensity of sunlight and temperature) upon application and the nature of the plants to be protected.

INSTRUCTIONS FOR USE

SURFACE PREPARATION

Optimum performance is achieved by using the right combination of products, surface preparation and application procedures. Surface preparation is extremely important to ensure proper adhesion of the product.

Use STOPSCREEN to clean the surface of all old paint residue, dirt and dust.

APPLICATION

Apply with airless spray or spray gun, adjusting the nozzle so that the product is sprayed evenly.

ARCASHADE can be sprayed using a tractor equipped with tanks and rotary atomizers or even from a helicopter to cover very large surface areas. The pressure must be 10 to 17 bars (adapted to the type of sprayer being used) and the product should be sprayed no more than 1 meter away from the surface to be covered.

We recommend passing over the same area two or three times to guarantee that the surface is covered totally and regularly.

Dilute according to the degree of shade desired (average dilution: 3 to 6 L water per kilo of ARCASHADE).

Once the product and water are well mixed, spray on the surface without delay.

DRYING TIME

Dry to touch at 20°C: 2 hours . This is approximate and will depend on the temperature and relative humidity.

COVERAGE

Approximately 750 to 1500m² for a mixture of 25kg ARCASHADE + 100 litres of water.

STORAGE

Store in dry, cool and frost free conditions. Shelf life is 12 months.

LIMITATIONS

Do not apply in humid or close to freezing temperatures (<5°C).

COLOUR : WHITE

White is the colour which offers a maximum refraction of sunlight

CLEAN UP

Promptly clean hand and all tools with water.

An acid wash, using STOPSCREEN, is necessary in order to:

- restore maximum translucence during the winter months
- avoid irregular paint coverage preventing a homogeneous transmission of light to all areas within the greenhouse

Note: refer to product data sheet for STOPSCREEN before using.



PACK SIZES

25kg pails

TECHNICAL INFORMATION

- Appearance when dry: mat
- Thinner: water
- Density at 20°C : 1.45+/-0.05
- Dry extract: 60% (in weight)