

GREEN PRO

актуальные технологии для зеленого бизнеса

ReduSol[®]

For a wear-resistant, removable coating with an adjustable shading effect



A wear-resistant shading coat that can be removed after use provides you with possibilities to manage your crop and protect against excess heat radiation.

What is ReduSol?

ReduSol is the liquid shading product that you can use for applying a homogeneous, wear-resistant shading coat that protects against solar radiation. ReduSol can be applied in both thin and thick coats to glass, acrylate, polycarbonate and plastic film. The greatest advantage of ReduSol is that it can be removed. You can start the shading season in the spring with a thin coat of ReduSol. A thicker coat can easily be achieved later in the season by spraying an additional amount of ReduSol. ReduSol can be removed easily and safely with ReduClean after the season.

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FOR 1 HECTARE, WHEN USING 2,000 LITRES OF SPRAYING LIQUID:

DILUTION FACTOR OF REDUSOL : WATER	NUMBER OF BUCKETS OF REDUSOL	SHADING EFFECT (%)
1:2	33.5	78
1:3	25	72
1:4	20	67
1:7	12.5	44

- The values above were measured under laboratory conditions when the product was applied manually and serve as an indication only.
- The shading effect includes greenhouse covering materials and structural components.

Advantages of ReduSol

- Easy to remove with ReduClean
- Shading effects of up to 80% (depending upon the concentration)
- White, even shading coat for proper reflection
- Easy to apply
- Highly resistant to frost and rain
- Increased light transmission during rain
- Diffuses light

Things to keep in mind

- ReduSol contains no environmentally harmful ingredients. The Royal Decree on Greenhouse Horticulture (Koninklijk Besluit Glastruinbouw) (Regulation 2, section 1, d) of 21 February 2002 stipulates that it is legal to release rinse water into surface water if ReduClean is used on ReduSol.
- To minimize visual pollution, releasing the rinse or rainwater beneath the surface of the water is recommended.
- To prevent a temporary change in the pH value of the basin, closing the water basin before applying or removing ReduSol is recommended.
- To ensure that ReduSol can be removed later, you should never use it in combination with any shading agents other than ReduHeat or Mardenkro Liquid Spray Chalk.
- The use of roof sprinkler systems spraying water containing calcium, iron or other pollutants can adversely affect the removal of ReduSol.

How to use it

Add ReduSol to clean water while stirring. Apply ReduSol to a dry, clean surface at a low humidity and an outside temperature of at least 5 degrees Celsius. ReduSol can be applied manually with a spray pump, with a spray machine or from a helicopter or airplane. When using a dilution ratio of 1:4, one bucket will be sufficient for approximately 500 square meters. Adding Mardenkro Black can increase the shading effect even more.