

THE PERFECT SHADING SYSTEM

ReduSol[®]Xtra & ReduClean[®]

ReduSol Xtra provides a durable and even white shading coat that can be easily removed using ReduClean at the end of the season

- *Optimal shading effect*
- *Highly wear-resistant*
- *Easy to apply*
- *Removable with ReduClean*



mardenkro

harmless to the environment

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Why ReduSol Xtra?

ReduSol Xtra: for applying an even, long-wearing shading coat.

ReduSol Xtra can be applied in either thin or thick coats.

When the shading season begins, ReduSol Xtra can be applied thinly; to increase the shading effect, simply spray on more ReduSol Xtra as the season progresses.

ReduSol Xtra has a high degree of weather resistance and can be removed easily, effectively and with no harm to the environment by applying ReduClean at the end of the season.

The major advantages of ReduSol Xtra:

- ReduSol Xtra forms an even layer for an optimal shading effect.
- ReduSol Xtra is extremely resistant to frost, rain and the effects of UV light.
- If not applied too thinly, one application will last all season.
- ReduSol Xtra can provide light to heavy shading effects (see table below).
- ReduSol Xtra lets more light through when wet (rainy days)
- ReduSol Xtra can be easily and safely removed with ReduClean.

The shading effect of ReduSol Xtra:

With ReduSol Xtra the degree of shading effect can be regulated as needed.

By changing the concentration of ReduSol Xtra in the solution being applied, the shading effect can, for example, be made lighter in the spring than in the summer.

To cover about 1.000 sq. ft.:

| Mixture ratio | ReduSol Xtra (gal) | Water(gal) | shading percentage dry | shading percentage wet |
|---------------|--------------------|------------|------------------------|------------------------|
| 1:2 | 1,5 | 2,9 | 82 | 61 |
| 1:2,5 | 1,2 | 3,3 | 78 | 56 |
| 1:4 | 0,9 | 3,7 | 72 | 47 |
| 1:5 | 0,7 | 3,9 | 67 | 41 |
| 1:6,5 | 0,6 | 4,1 | 58 | 35 |
| 1:9,5 | 0,45 | 4,3 | 44 | 25 |
| 1:14 | 0,3 | 4,5 | 23 | 12 |

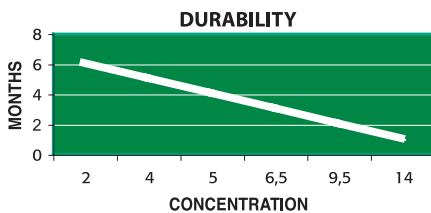
To cover about 1 acre:

| Mixture ratio | ReduSol Xtra (gal) | Water(gal) | shading percentage dry | shading percentage wet |
|---------------|--------------------|------------|------------------------|------------------------|
| 1:2 | 64 | 128 | 82 | 61 |
| 1:2,5 | 54 | 142 | 78 | 56 |
| 1:4 | 40 | 160 | 72 | 47 |
| 1:5 | 32 | 171 | 67 | 41 |
| 1:6,5 | 27 | 179 | 58 | 35 |
| 1:9,5 | 20 | 187 | 44 | 25 |
| 1:14 | 14 | 195 | 23 | 12 |

Important:

1. When the dilution ratio is more than 1:2 (1 part ReduSol Xtra to more than 2 parts water), the coating's weather resistance will decrease.

2. Adding Mardenkro Black can increase the shading effect even more.



Durability was determined under Dutch conditions.

Price – Quality Ratio

ReduSol Xtra's excellent durability when applied in high concentrations mostly makes one application last the entire season. The easiness and effectiveness by which ReduClean can remove ReduSol Xtra gives this duo a financial advantage as well.

Instructions for mixing and applying ReduSol Xtra

ReduSol Xtra is a liquid product available in 20-kg. containers (holding approx. 4 gallons). The product should be added to clean water while stirring. ReduSol Xtra should be applied to a dry surface. When diluted to a ratio of 1 part ReduSol Xtra to 2 parts water, one pail of ReduSol Xtra will cover approximately 2700 sq. ft.

ReduClean[®]

ReduClean easily removes ReduSol Xtra from glass, acrylate, polycarbonate and plastic film. Letting rainwater rinse the shade coating off will obtain a clean result. ReduClean is economical to use and safe for users.

ReduClean is available in containers holding 2.6 gallons and 6.6 gallons.

Instructions for mixing and applying ReduClean

Dilute ReduClean in clean water to a ratio of 1 gallon ReduClean to 7 gallons of water. (26.7 gallons is enough for approx.1 acre). Add ReduClean to clean water while stirring.

Spray diluted ReduClean onto a dry greenhouse during dry weather making sure that the shade coating is thoroughly moistened. The length of time between the

application of ReduClean and the next rain makes no difference in ReduClean's cleaning effectiveness. For a clean result immediately, rinse with plenty of water.

Please note: ReduClean works only on ReduSol Xtra and ReduHeat[®]. On different kinds of plastic film results may vary, therefore immediate rinsing with water might be desirable.

The environment

ReduSol Xtra and ReduClean contain no environmentally harmful ingredients. According to the Dutch legislation, when ReduClean is used to remove ReduSol Xtra, the rinse water or rain water containing these products may be discharged into the surface water [Glasshouse Horticulture Decree of 21 February 2002 (Provision 2, paragraph 1, subparagraph d)].

Important

- To prevent a change in the pH value of the water, closing off the water reservoir during the application and removal of ReduSol Xtra is recommended.
- To assure the removal of ReduSol Xtra by ReduClean, ReduSol Extra should never be used with other shading agents.
- Using roof sprinkler systems that spray surface water onto ReduSol Xtra can adversely affect removal.

Patented

Mardenkro's removable shading products are patented worldwide.

Mardenkro is the developer, producer and supplier of the ReduSol Xtra /ReduHeat-ReduClean shading systems used all over the world.

The company's main office with its laboratory, testing facilities, production facilities, sales office, warehouse and transport department is located in the Netherlands. Mardenkro's products are shipped to growers throughout the world by means of a global distribution network.

Important

THE TIME REQUIRED FOR REMOVAL AFTER TREATMENT WITH REDUCLEAN STRONGLY DEPENDS UPON THE LAYER THICKNESS, THE DEGREE OF AGING AND THE AMOUNT OF RAIN. A FEW SHOWERS ARE GENERALLY SUFFICIENT FOR A CLEAN RESULT!