Treatment of green houses

Prebona Siccol Pro keeps green houses clean and prevents condensation droplets.

Prebona Siccol Pro is used for outside and inside treatment of greenhouses to keep glass windows and plastic film clean and prevent formation of water condensation droplets.

Dirt and water droplets cause light loss through a glass window and plastic films. Condensations droplets damage crop, either physically by falling down on plants or by promoting pathogens. Prebona Siccol Pro improves light transmittance significantely and prevents formation of water condensation droplets.

Treatment with Preboona Siccol Pro lasts for a long time and is cost effective. Prebona Siccol Pro consists of modified natural silica in water and keeps greenhouses free from dirt and condensation droplets without the need of chemicals.

Prebona Siccol Pro:

- Applied on outside and inside of greenhouses
- Used on glass windows and plastic films
- Keeps greenhouses clean and improves light transmittance
- Prevents formation of water condensation droplets on surfaces
- Cost effective treatment is strong and durable
- Contains only natural materials - water and modified silica
- Easy to apply on large glass areas with cold fogger

Prebona Siccol Pro keeps greenhouses clean and prevents formation of water condensation droplets.

Treatment of green houses

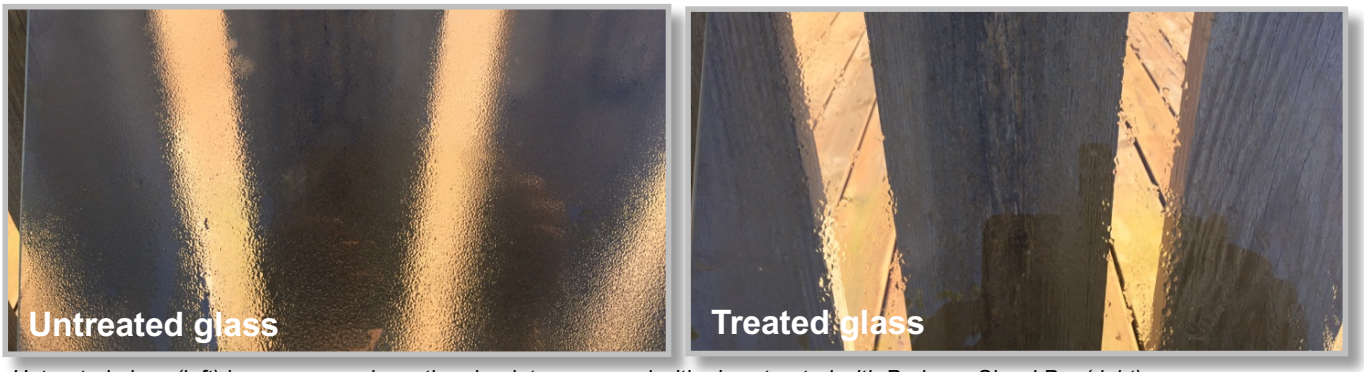
Prebona Siccol Pro is used on greenhouses made of glass and plastic film.

Prebona Siccol Pro is applied on clean and dry surfaces such as glass windows or plastic film. For treatment of glass, use the Prebona fogger. For plastic film, we recommend to use a low pressure sprayer. Both methods allow for effective treatment of very large areas.

Green houses are typically treated before the growing season starts. It is also possible to treat green house curtains to make them dirt repelling and avoid water droplet formation. Always read safety data sheet before using Prebona Siccol Pro.

Surfaces treated with Prebona Siccol Pro using the Prebona fogger are almost free from streaks after drying. Prebona Siccol Pro makes surfaces super hydrophilic, which minimizes water droplet formation and promotes formation of a water film that makes surfaces self cleaning and fast drying. Prebona Siccol Pro consists of natural modified amorphous silica, the second most common substance in the earth's crust and is the same material as in glass. Amorphous silica adheres very strongly to surfaces and resists to UV radiation, which ensures long lasting effect.

Extensive tests have been conducted to establish effect of Prebona Siccol Pro on light transmittace and water droplet formation. Light transmittance increases and water droplet formation decreases significantely after treatment with Prebona Siccol Pro. Another effect of Prebona Siccol is that surfaces dry up much faster compared to untreated surfaces. Prebona Siccol keeps greenhouses clean and prevents formation of water condensation droplets without the use of chemicals.



Untreated glass (left) has more condensation droplets compared with glass treated with Prebona Siccol Pro (right).

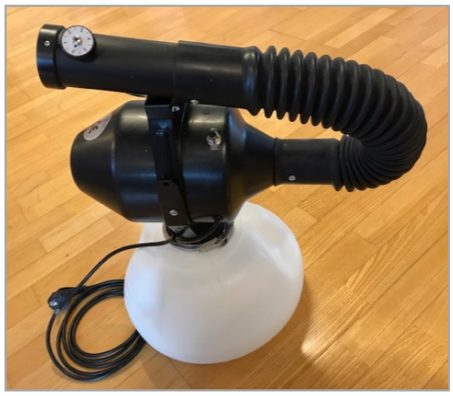
Prebona Siccol Pro and Prebona foggers are available from Prebona AB.
Prebona Siccol Pro is sold in 25 liter plastic containers.

For more information:
www.prebona.com

Prebona fogger – instructions

This instruction provides a short overview of how to use Prebona fogger to treat greenhousess with Prebona Siccol Pro. Prebona fogger is a high quality cold fogger made by Wanjet AB (www.wanjet.se).

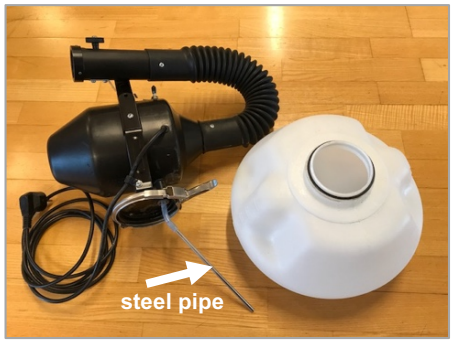
Before treating a greenhouse, make sure surfaces to be treated are dry and clean. Treatment with Prebona Siccol Pro will make surfaces self cleaning and prevent formation of water condensation droplets. The effect is immediate, i.e. as soon as Prebona Siccol has dried, the greenhouse can be utilised. Both glass windows and plastic film can be treated. For more information on how to treat greenhouses and expected effect, please visit www.prebona.com.



Prebona fogger

Instructions:

1. Open fogger and fill up Prebona Siccol Pro
Open fogger by removing motor and nozzle from tank. Fill tank with about 3 liter of Prebona Siccol Pro. Tilt steel pipe to the side when putting motor and nozzle back on the tank. Make sure motor and nozzle is aligned before closing metal ring.



Prebona fogger – open with steel pipe.

2. Make sure air valve is open. Air valve is open when plastic tube is visible through ventialtion hole. If air valve is closed, a vacuum will build up in the tan, which will reduce output.

3. Adjust solution valve. The solution valve should be set at a low a numbe, e.g. between 1 and 2. A low setting provides a fine fogg with small droplets. Higher settings provide larger droplets and higher output. Small droplets provide better effect but increased treatment time.

Air valve

Power switch

Solution valve

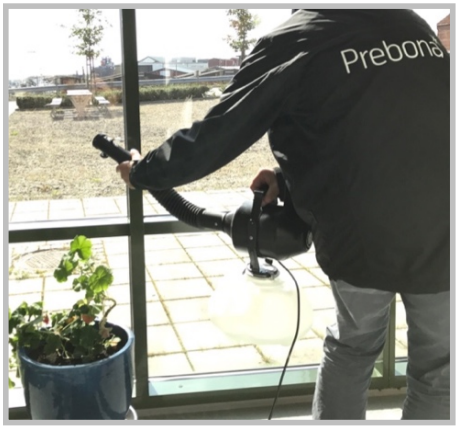
4. Connect to power. Use correct voltage (220V or 110V) and a cable long enough for the job.

5. Put on protective gear. When using Prebona fogger with Prebona Siccol Pro, protective gear should be used. Use protective clothing, glasses, gloves, respiratory filter and ear plugs. Read safety data sheet before using Prebona Siccol Pro. Safety data sheet is available on www.prebona.com.

6. Direct the nozzle towards surface to be treated. The nozzle should be kept at a distance of 0,5 to 2 meters from the treated surface.

7. Flip the power switch to ”on”. It takes a few second for the liquid to reach the nozzle and fog to start.

8. Treatment. When treating the inside of greenhouses, start treatment at the back of the greenhouse and back out. If Prebona Siccol Pro has been applied to unwanted surfaces, dry off with paper before product has dried.



Prebona Siccol Pro is applied with Prebona fogger.

For more information:
www.prebona.com
www.wanjet.se