

## **INSTALLATION INSTRUCTIONS FOR "PALRING" PANELS FOR GREENHOUSE COVERINGS**

The panels may be used only in accordance with these instructions. **PALRING** hereby gives notice and warning that use not in accordance with these instructions is liable to cause the panels to deteriorate and to cancel **PALRING's** liability. You must tend to a number of details during both the installation and the ongoing maintenance of the panels so that they will serve you for many years. Careful adherence to the installation instructions is a condition of **PALRING's** warranty.

Read carefully and pay attention to the following details:

**1. Storage:** Panels should be stored in a dry, shaded area.

**2. Sharp corners:** On metal structures, the frames should be carefully checked and it should be verified that there are no sharp corners.

**3. Remember!** Direct contact between the panels and the structure may damage the sheet. Additionally, **the sheet should not come into direct contact with PVC or treated wood**. This may damage the sheets as a result of a chemical reaction. (Note: some duct tapes contain PVC.)

**4. Frame corners:** The outer metal frame **corners should be covered with a soft material** (protective foam strips).

**5. Painting:** The parts of the structure that come in contact with panels should be painted with **white latex greenhouse paint** to prevent overheating of panels. (Do not use oil-based paint.)

**6. Installation:** When installing a panel on the structure, stretch it sufficiently that there are no folds and no flapping in the wind. **Panels can be damaged by flapping against the structure. In single-layer configurations, appropriate "batten" strips should be placed over the cover – one strip between each pair of hoops – to prevent the panel from flapping against the structure.**

The cover is sufficiently taut if a coin dropped on it bounces.

Where Palring covers are being used in double layers, the covers should be inflated at all times to avoid excessive wear from wind flapping covers against structures. Otherwise, batten strips should be used over the bottom cover.

**7. Maintenance:** Periodic cleaning of the panel with water and a soft brush is recommended to help maintain the transparency of the panel and maximum light transmission for successful plant growth.

**8. Saving a sample:**

A. After attaching the panel to the building, a 2' X 2' sample should be cut from the remnants. The code number which is printed on the back of the supplied sheets should be kept. In the event that there is no serial number marked on the sample, the number should be marked with an indelible marker along with the location from which the sample was taken.

B. This sample should be stored in a cool place.

C. Upon discovering a defect in any one of the panels, **notify a PALRING distributor within 30 days.**

D. A Palring representative should be given the opportunity to check the damage.

E. In order to determine the cause of a defect, a 2' X 2' sample should be taken from an area near the damage (but not from the damaged area itself), and sent to our representative together with the first sample which was taken at the time of the installation. Please note the number of the warranty instrument together with the samples that are sent.

F. These samples will be subjected to a tensile strength inspection, and if the comparison shows a loss of strength of 50% or more, the factory will supply a new panel to replace the damaged one within a reasonable time, in accordance with the warranty instrument.