

	Quality Assurance Instruction File	Designation: OS17
	Prime Instruction: Handling, Storage & Installation protocols	Revision: 3.0
Advertising Date: 24/5/2012	Subject: Storage Conditions and Cleaning Instructions for OSG Products	Page: 1 From: 1
Issued by: Liel D.	Approved by: Mikhal C.	Classification:

Revision	Paragraph	Change Nature	Date
1.0		New format of an old document	24/5/2012
2.0		Update cleaning material and cutting out "Before assembly" & "Long term storage" paragraph	29/4/2013
3.0		New Page Format	20/10/2013

## I. General conditions:

1. Store the Transparent Armor (TA) in the original crates provided by OSG.
2. Store the products vertically until assembly is done.
3. Storage area must be shaded and dry.
4. Optimal storage conditions for lamination products are:
  - a. Low humidity – lower is better. Maximum relative humidity of 55% in the storage area.
  - b. Temperature around room temperature (25°C, 77°F). Temperature above 35°C should be avoided.
5. Avoid direct sun light radiation.
6. Avoid rapid temperature changes.
7. Avoid all contact with water or other liquids.
8. Keep the TA in a hazards gas free environment.
9. In case of long term storage, OSG offers “S3” Storage System solution, which can extend the glasses storage.
10. The main materials that need to be preventing from contact with the Polycarbonate are:
  - a. PVC
  - b. Halogens
  - c. Ketones
  - d. Concentrated Acids
  - e. Aromatic hydrocarbons
  - f. Amines
  - g. Esters
11. In order to be sure that your chosen materials won't attack the Polycarbonate, please send OSG samples for compatibility testing. We recommend sending several kinds of materials so at least one will be suitable.
12. OSG must approve any material that comes in contact with the Polycarbonate.

## II. Cleaning:

1. Inner face of glazing (“Safe Side”) is made of Polycarbonate which is prone to scratching. Contact with this side should be avoided or minimized.
2. Glass-Polycarbonate glazing is delivered with a white / clear sheet protecting the PC side. Do NOT remove this sheet until glazing has been completely installed and is ready for use. If portions of the protective sheet must be removed for proper installation, carefully remove the edge of the sheet where required and replace it against PC whenever possible.
3. **Do not** adhere any sticker or label to the polycarbonate surface of the TA.
4. **Do not** clean OSG products with detergents and chemicals. Use only Isopropyl Alcohol 99% or, clean water for cleaning. Use soft clean cloth.
5. **Do not** use sharp tools for cleaning.
6. **Do not** scrape the surface of PC with any tools or objects for any reason.
7. **Do not** use any cleaning substances of the inner equipment of the vehicle such as dash board cleaners.