

# BOEING 737 NEXT GENERATION

## Application: Cargo Areas

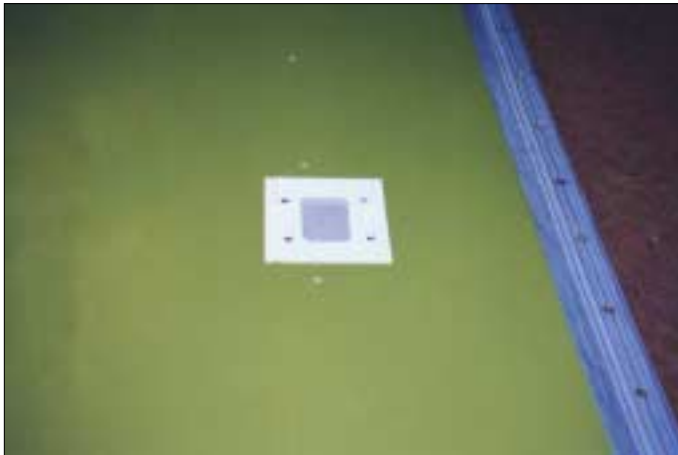
### Summary

SKYFLEX<sup>®</sup> aircraft sealant offers the lightest weight, non-curing, non-hazardous form-in-place sealant technique. This product can be installed and maintained more efficiently than all other sealant methods. This revolutionary material provides excellent protection against corrosion, water ingress, and other environmental influences including fuels and oils.

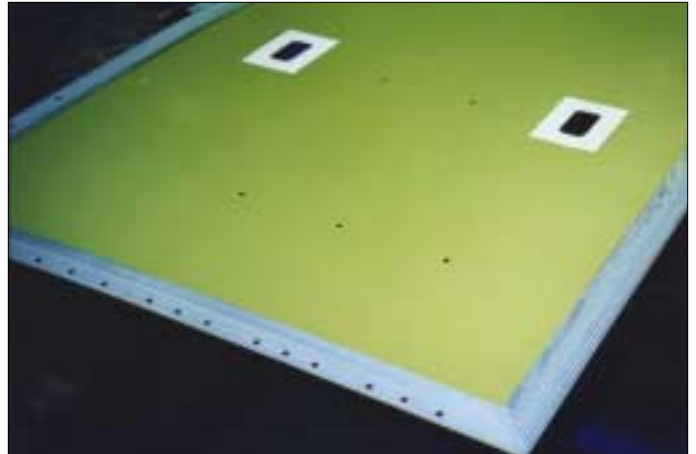
SKYFLEX sealant remains flexible and compliant over many panel installation cycles, retaining all of the designed benefits and features that are crucial to ensure the integrity of every application today.

### Benefits

- Non Hazardous/No hazardous waste disposal
- Resistant to corrosion
- Multiple panel removal/Installation cycles possible
- Lightweight
- Protection against water ingress and other environmental influences
- No sealant cure time
- Easy to install
- Conforms to surface irregularities
- Temperature range: -240°C to +260°C



Above: SKYFLEX sealant part number GUA6050-1 (Boeing drawing # 453A2600) was used around the tie down or hard points. Different size gaskets are available depending on the tie down configuration.



SKYFLEX sealant part number GUA1001-1 (Boeing drawing # 453A1600) was used to seal the outer perimeter of the floorboard.

### Cargo Areas

SKYFLEX aircraft sealant was used on cargo areas of the Boeing 737 Next Generation aircraft to minimize corrosion. Boeing implemented this improvement, along with others, to combat issues of corrosion in the cargo bays as well as allowing panels to be reused. SKYFLEX sealant part numbers GUA1001-1 and GUA6050-1 were used on the cargo floorboards. GUA1001-1 was used around the perimeter of the board and GUA6050-1, a die-cut gasket, was used for the cargo tie down areas. Approximate footage per aircraft is: 250 feet of GUA1001-1 and 32 die-cut gaskets of GUA6050-1. Boeing has authorized the use of SKYFLEX sealant with drawing numbers 453A1600 and 453A2600.

### Sealant Part Numbers

SKYFLEX<sup>®</sup> aircraft sealants are available in varied widths, thicknesses, with adhesive, and without adhesive, depending upon the application requirements. Tape sealant, such as GUA1001-1, is available in spools of 100 feet. Die-cut gaskets, such as GUA6050-1, are individually packaged and sold by the piece. Two part numbers have been used on the cargo areas of the Boeing 737 Next Generation. Shown below are SKYFLEX sealant part numbers GUA1001-1 and GUA6050-1.



SKYFLEX sealant part number GUA1001-1 (Boeing drawing # 453A1600).



SKYFLEX sealant part number GUA6050-1 (Boeing drawing # 453A2600).

### Sealant Handling and Storage

SKYFLEX aircraft sealant does not require any special handling or storage. The sealant is non-hazardous, therefore, there is no hazardous waste disposal, no hazardous storage, and no hazardous transportation. No special equipment or facilities are needed when using SKYFLEX sealant since it is a non-hazardous material. The material should be stored at room temperature in a dry area.

The shelf life of SKYFLEX aircraft sealant varies from two years to an unlimited shelf life. Material supplied with an adhesive has a shelf life of two years. Material supplied without adhesive has an unlimited shelf life.