

### SUNNYDINE #5085 REINFORCEMENT PAD

#### 1. Characteristic and Application

**SUNNYDINE #5085** is a pad expandable type adhesive sheet used for body outer panel reinforcement of assembly automotive door and fender.

**SUNNYDINE #5085** is a structural reinforcement that has allowed the automotive community to produce lighter weight vehicles without compromising the structural integrity, stiffness and performance of their products.

It is adhered to various substrates (i.e. Painted panel, Cold rolled steel, Galvanized, Aluminum). It is cured by heat at 160 ~ 180°C. General applications in automobile, use for reinforcing door, fender, hood roof, and trunk lid.

#### 2. Properties

Color	: Black
Specific Gravity (28 ± 1°C)	: Max 1.65
Penetration	: 70 – 100
Expansion ratio (%)	: 150 – 200
Impact resistance	: Min 10 time

#### 3. Specification

MS 715-62

#### 4. Shelf Life and storage condition

This product has a shelf life of 45 days after production when it is stored at 15-25°C and below 65%RH and away from sources of heat and sunlight.

## 5. Caution

Remove dust and moisture from substrate surface when a SUNNYDINE #5085 is applied.

## 6. Dimension and Packing

Product is laminated with glass cloth, comes with different sizes as per customer requirement.

Example:

120mm x 200mm x 1Tmm  
90mm x 100mm x 1.5Tmm  
100mm x 220mm x 1.5Tmm