

# VSB 220

*Very Strong Bonding Tape 220 is especially designed for bonding glass, clear plastics and applications requiring invisible bond line. This foam is soft, tacky and conformable. Acts as a very good seal and bonding tape. Applications in solar energy industry , glass partitions, windows, doors and safety glass manufacture.*

## TYPICAL APPLICATIONS

### GENERAL

Glass, windows, doors and clear plastics. Signs and panels. Interior and exterior use.

### AUTOMOTIVE

*Fixing exterior trims and body side mouldings. Emblem and badge mounting & rear view mirrors. Wheel balancing weight. Automotive aftercare market.*

## PROPERTIES

PROPERTY	DESCRIPTION
ADHESIVE	ACRYLIC
CARRIER	CLEAR ACRYLIC FOAM
DENSITY	1000 kg/m <sup>3</sup>
RELEASE LINER	RED LDPE
SHELF LIFE*	2 YEARS

## TEST DATA

THICKNESS PRODUCT	180° PEEL ON STAINLESS STEEL (1) [N/25MM ]AFTER 24 H	STATIC SHEAR (2) 1KG - 25X25MM [HOURS]	INITIAL TACK
0,25mm	>15	>2000	++
0,5mm	>20	>2000	++
1,0mm	>26	>2000	++
1,5mm	>32	>2000	++
2,0mm	>32	>2000	++
3,0mm	>32	>2000	++

(1) FTM 1 (2) FTM 8

## RESISTANCE

CONDITIONS	LOW	MEDIUM	HIGH
UV			●
CHEMICAL			●
MOISTURE			●
PLASTICIZERS			●
TEMPERATURE	MIN. -40°C / MAX. +150°C. thickness 0,25mm has a short term temperature resistance of 250°C		
APPLICATION TEMPERATURE	MIN. +15°C / MAX. +35°C		

## APPLICATION

Application is carried out using a roller or squeegee with a line pressure of 2kg per 25 mm. Surface must be clean and free from dust and grease. The substrates to be bonded, should have full contact, using no or neglectable pressure. Test this before applying the tape. The indicated level of performance will be reached after a bonding period of 24 – 72 HRS at 23°C.

## PRECAUTIONS

All of our products undergo strict quality tests and are free from defects before release. Due to a number of variable factors including *substrate impurity, surface tension, environmental conditions* and *application methods* the user is advised to conduct a test to assure the product will perform to satisfactory.

## PACKAGING AND STORAGE\*

The product should be protected against direct sunlight and extremes of temperature and humidity and stored in its original packaging. Once removed from its packaging, it should be protected against dust and other impurities.

## TEST METHODS AND RESULTS

Our test methods are based upon *standard FINAT/ISO/DIN* specification. For more specific application related tests we may develop test methods in house to assess performance and suitability. It is advised to conduct test assembly to satisfy performance.

