

### PRODUCT DESCRIPTION

Ceramic tile adhesive 39-5005 is water dispersed, non-toxic, non-flammable, acrylic based and strong adhesive which is ready for use immediately upon application, designed for the interior installation of wall and floor ceramic tiles & it is resistant to damp, water and temperature.

### FEATURES AND BENEFITS

- Specially developed for interior installations of wall and floor ceramic tiles
- Can be used for Installation of ceramic tiles over most of rigid interior surfaces
- Free hardening and good stress resistance characteristics

### APPLICATION TOOLS

Notched Trowel or any suitable applicator.

### RECOMMENDED USES

- Bonding of ceramic tiles, mosaic & similar materials.
- Fixing of synthetic polystyrene & acoustic plates.
- Installation of ceramic tiles over most rigid interior surfaces such as gypsum boards & plasters, Portland cement plasters.
- It is moisture proof & waterproof, so it can be used in bathrooms.
- It is not to be used for bonding ceramic tiles in swimming pools.

### STORAGE

- Should be stored tightly closed and away from direct sunlight in a cool, dry, well-ventilated area between 5°C to 39°C
- Protect from freezing
- Close the container tightly when not in use

### SURFACE PREPARATION

All surfaces must be clean, dry and free from dust, dirt, paint, loose materials, oil, grease, sealers, curing compounds, waxes and all other contaminations.

### PACKAGING

4 Kg Can & 20Kg Pail.

### TECHNICAL DATA

<b>BASE MATERIAL</b>	Modified Acrylic Emulsion.	<b>APPLICATION TEMPERATURE</b>	5°C - 50°C
<b>COLOR</b>	Pale White	<b>OPEN TIME</b>	1 - 10 Minutes (Depends on climatic conditions)
<b>VISCOSITY AT 25°C ASTM D2196</b>	180,000 – 200,000 CPs (Sp.# 7 @ 20 rpm)	<b>DRYING TIME</b>	24 Hours (Depends on climatic conditions)
<b>SPECIFIC GRAVITY ASTM D1475</b>	1.5 – 1.7	<b>TEMP RESISTATNCE OF DRY ADHESIVE</b>	- 10°C Up to + 80°C.
<b>pH ASTM D 1172</b>	7.5 – 9.5	<b>FLAMMABILITY</b>	Nonflammable in wet and dry form
<b>SOLID CONTENTS ASTM D1644</b>	72 - 80%	<b>DILUTION</b>	If necessary with water
<b>COVERAGE (APPROX.)</b>	0.75 - 1 m <sup>2</sup> /Kg Depends on the surfaces	<b>FLAMMABILITY</b>	Nonflammable in wet and dry form

### APPLICATION METHOD

1. Make sure that the surfaces are dry, leveled in position and ready for application.
2. For non-porous, very compact or moisture-sensitive floors like asphalt, anhydrite or magnetite, first it should be Pre-treated.
3. Spread the adhesive with a notched trowel to a surface area of 2 m<sup>2</sup>, which can be tiled in the adhesive's open time
4. Fix the tiles within 10 minutes after application of adhesive while it is still wet then press the tiles firmly ensuring that the adhesive covers the back portion of the tiles completely.
5. The plastic cross fixtures should be placed at the corners of each tile, which leads to the formation of clearance in between tiles to be filled with the grout.
6. After 24 hours the plastic cross fixtures should be removed & the grout can be applied
7. Corner joints & top edge should be filled with the suitable joint filler to stop the penetration of water.

### CLEANING & DISPOSAL

- Wet material is cleaned immediately with Water
- The Tools & the excess material should be cleaned immediately with water before it gets dry
- Dry product may stains can be removed mechanically
- Dispose the waste according to the local regulations

### SHELF LIFE

18 months shelf life when stored in it's original unopened container between 5°C to 39°C.

### HEALTH & SAFETY

The product is generally safe, non-toxic and non-flammable in wet condition.

The product should not be swallowed or allowed to come into contact with skin and eyes. Use of suitable protective gloves and goggles is advisable.

If eyes are affected with product rinse with excess amount of clean fresh water and seek for medical advice. If swallowed seek medical attention immediately and do not induce vomiting help.

### HMIS Rating

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe; N = No information provided

### ADDITIONAL INFORMATION

#### SAAF IS ALSO MANUFACTURES THE FOLLOWING RANGE OF PRODUCTS

- Solvent Based Adhesives
- Water Based Adhesives
- Flooring Adhesives
- Putties & Sealants
- Coatings
- Concrete Admixtures

For further information, kindly visit our website [www.tigind.com](http://www.tigind.com)