

**PRODUCT DESCRIPTION**

SAAF ACRYSEAL 11-1200 is one-component, non-toxic, non-flammable & odorless acrylic latex based sealant, which hardens to a plasto-elastic rubber, thixotropic paste. The sealant skins over & shortly later it cures to a constant plasto-elastic joint.

**FEATURES AND BENEFITS**

- Applied easily by, Caulking gun or Putty knife
- It is a fast drying setting sealant
- Has a long open time
- Has a good wet tack
- Flexible and don't crack at low temperature

**APPLICATION TOOLS**

Caulking gun, Putty knife or any suitable applicator.

**RECOMMENDED USES**

- Sealing system for use on concrete, mortars, plaster, asbestos cement, steel, aluminum, stoneware, ceramic, wood, construction joints, expansion joints, cracks underground
- Sealing joints & cracks like internal & external joints of windows & doors
- Sealing joints between roof tiles & skirting use for air-conditioning
- Sealing joints between aluminum sheets & roof walls in roofing system

**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**

20 Kg Pail.

**TECHNICAL DATA**

<b>BASE MATERIAL</b>	Acrylic emulsion	<b>ELONGATION AT BREAK ASTM D412</b>	25 – 50 %
<b>COLORS</b>	White and Gray	<b>MAX JOINT MOVEMENT (SHRINKAGE %)</b>	10 - 15 %
<b>VISCOSITY AT 25°C ASTM D2196</b>	180000 – 190000 CPS (Sp.# 7 @ 20 rpm )	<b>SHORE A HARDNESS ASTM D2240</b>	50 - 60
<b>SPECIFIC GRAVITY ASTM D1475</b>	1.55 – 1.70	<b>SKINNING TIME</b>	Skins over within 30 Minutes.
<b>PH ASTM D 1172</b>	7 – 11	<b>FULL CURING</b>	7 - 14 days
<b>SOLID CONTENTS ASTM D1644</b>	86 - 89 %	<b>FLAMMABILITY</b>	Flammable in dry form

**APPLICATION METHOD**

- Make sure that the surfaces are dry, cleaned, out of contact of water, in position and ready for application.
- The surface to be sealed should be masked around for keeping it clean before application.
- Prime the surfaces with Acryseal diluted with water in the ratio 1:3 & then allow drying.
- Stir the product thoroughly before using.
- The width of the joints must not exceed 20 mm; the joint backing is placed in the treated joint so that the depth is equal to half of the width.
- Apply the sealant with caulking gun, in some conditions a putty knife may be more suitable, inject the sealant into the joint by moving the gun slowly from left to right or from top to bottom.
- Press the sealant into good contact with the joint surfaces.
- The sealant will skin over within 30 minutes and shortly after it cures to a constant Plasto-Elastic joint.
- It is preferred to apply SAAF Roof Coating 40-4000 on top of Acryseal to seal it from water & heat.
- Don't start work if rain is forecasted for the following 24 hrs.

**LIMITATIONS:**

Do not dilute, apply only to clean, dry, and oil free surfaces. Do not apply when raining. High humidity / low temperature may retard drying.

**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**

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>REACTIVITY</b>	<b>0</b>

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)