

# ZIPSTRIP (21-1X10, 1-1/2x10, 2x10)

## SAFETY DATA SHEET:

- 1. IDENTIFICATION:** PolyStyrene Resins  
**PRODUCT NAME:** Extruded Plastic ZipStripzz  
**Part Numbers:** 21A-VC375, 21A-VC500, 21A-VC750, 21A-VC1000  
**MANUFACTURER:** Superior Profiles Inc.  
1325 Bixby Drive  
City of Industry, CA 91745  
**Date Sheet Revised:** 2/04/15  
**Telephone: Emergency:** 1-800-533-2246  
**Product Use:** Forming Expansion Joint in Concrete Construction Industry
- 2. HAZARD IDENTIFICATION:**  
**EYE:** Solid or dusts may cause irritation or corneal injury due to mechanical action.  
**SKIN CONTACT:** Mechanical injury only.  
**SKIN ABSORPTION:** Skin absorption is unlikely due to physical properties.  
**INGESTION:** May be an obstruction if swallowed. Single dose oral toxicity is believed to be low. Considered physiologically inert.  
**SARA HAZARD CATEGORY:** This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, not to have met any hazard categories.
- 3. COMPOSITION:**  
This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not "Hazardous" per this OSHA Standard may be listed. Where a proprietary ingredient shows, the identity may be made available as provided in this standard.
- 4. FIRST AID MEASURES:** (Raw Material only)  
**EYES:** Irrigate immediately with water for at least 5 minutes. Mechanical irritation only.  
**SKIN:** No adverse effects anticipated by this route of exposure.  
**INGESTION:** No adverse effects anticipated by this route of exposure.  
**INHALATION:** No adverse effects anticipated by this route of exposure.
- 5. FIRE-FIGHTING MEASURES:**  
**FLASH POINT:** 341-365 C (ASTM D-1929)  
**METHOD USED:** Not applicable  
**FLAMMABLE LIMITS:** Not applicable  
**LOWER FLAMMABLE LIMITS:** Not applicable  
**UPPER FLAMMABLE LIMITS:** Not applicable  
**EXTINGUISHING MEDIA:** Water, Foam, CO<sub>2</sub>, Dry chemical  
**FIRE-FIGHTING EQUIPMENT:** Wear positive pressure self-contained breathing apparatus in any closed space.  
**Extinguishing media**  
Water spray and foam. Water spray is preferred. Dry chemical and CO<sub>2</sub> are not generally recommended due to their lack of cooling capacity which may allow re-ignition.  
Special hazards arising from the substance or mixture  
- Airborne dust may form flammable or explosive mixture with air  
**Special Firefighting Procedures**  
- Keep people away - Isolate fire area.  
- Cool surroundings with water to localize fire zone. - Soak thoroughly with water to cool and prevent re-ignition.  
- Protective firefighting clothing (including firefighting helmet, coat, pants, boots, and gloves), positive-pressure self-contained breathing apparatus (SCBA)

**6. ACCIDENTAL RELEASE MEASURES:**

**ACTION TO TAKE FOR SPILLS/LEAKS:** Product is a solid. Sweep up and discard.

**7. HANDLING AND STORAGE:**

Not applicable under normal usage conditions

**VENTILATION:** Local ventilation is recommended over processing equipment.

**RESPIRATORY PROTECTION:** Not needed if local ventilation is adequate.

**SKIN PROTECTION:** Protective gloves and long sleeve shirt when handling hot polymer.

**EYE PROTECTION:** Use safety glasses.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION:**

**RESPIRATORY PROTECTION:**

A NIOSH approved respirator is recommended for protection against processing fumes, or from dust generated from grinding, sanding, or sawing operations.

**Ventilation:** Local exhaust is preferred.

**Protective Gloves:** Canvas or cotton gloves are recommended.

**Eye Protection:** Safety glasses with side shields are recommended.

**Other Protective Equipment:** None

**9. PHYSICAL DATA:**

**BOILING POINT:** N/A      **VAPOR PRESS:** N/A      **VAPOR DENSITY:** N/A

**SOLUBILITY IN WATER:** None      **SPECIFIC GRAVITY:** 1.05

**APPEARANCE:** Solid Plastic Pellets      **ODOR:** None      **VOC content:** N/A

**10. REACTIVITY DATA:**

**STABILITY:** - Stable under normal conditions. Conditions to avoid: Avoid heat, flame, spark and other ignition sources

**INCOMPATIBILITY:** Avoid contact with strong oxidizers, strong acids or flammable materials.

**11. TOXOLOGICAL INFO:**

**EYE:** Solid or dusts may cause irritation no adverse effects during normal use.

**SKIN CONTACT:** Mechanical injury only.

**SKIN ABSORPTION:** Skin absorption is unlikely due to physical properties.

**INGESTION:** May be an obstruction if swallowed. Single dose oral toxicity is believed to be low. Considered physiologically inert. LD50 not available.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Smoke and noxious gases. (Carbon monoxide and hydrocarbons).

**HAZARDOUS POLYMERIZATION:** Will not occur.

**12. ECOLOGICAL INFO:**

No negative Ecological affect with the proper intended end use of this product.

**13. ENVIRONMENTAL AND DISPOSAL INFORMATION:**

**DISPOSAL METHOD:** Recycle when appropriate, bury in landfill, or burn in adequate incinerator in accordance with all applicable federal, state, and local regulations.

**14. TRANSPORT INFORMATION:**

UN Number: None Hazard Class: N/A Packing Group: N/A

Not Regulated by the DOT.

**15. U.S. REGULATORY INFORMATION:**

**SARA TITLE III Information:** Hazard Categories for the Superfund Amendments and Reauthorization Act (SARA) Section 311/312/313 (40 CFR 370):

**Immediate Hazard:** No Delayed Hazard: No Fire Hazard: No Pressure Hazard: No Reactivity Hazard: No

**NOTICE:** The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The preceding specific information is made for the purpose of complying with numerous federal, state, or provincial, and local laws and regulations.

Preparation Date: 2/04/15

Prepared by: LC Maggio



MANUFACTURER OF  
PLASTIC EXTRUSIONS

# Insert ZIPSTRIP in Three Easy Steps...



**STEP ONE:** A straight edge or other type of thin bladed material can be used to separate the aggregate in freshly poured on-grade slabs. The aggregate can be separated by using a back and forth motion approximately 2" deep.



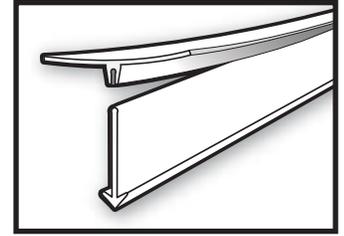
**STEP TWO:** ZipStrip should be inserted into the newly created void so the horizontal portion, top section of ZipStrip is flush with the surface of the concrete.



**STEP TWO:** It is recommended to remove the top portion of ZipStrip at different times depending on the type of slab being poured. Where ZipStrip is used to control cracks in industrial floors or residential slabs it is recommended to remove the top portion of the Zip Strip immediately after insertion and float the wet concrete over the top of the remaining vertical section. After the concrete is finished and begins to shrink during the initial curing process a hairline crack will become visible. This slight separation where Zip Strip was inserted will become visible in about 5 to 7 days.

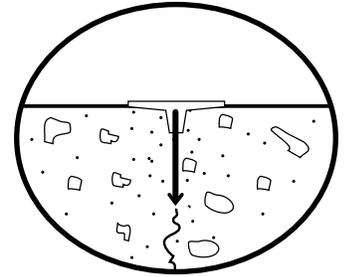
## Specifications:

Zip Strip is a rigid polystyrene "T" shaped strip. The horizontal portion of the "T" is removable. The top portion of the "T" provides stiffness so the strip can be placed into the wet surface of a concrete slab in a straight line. The bottom portion or vertical section resembles the shape of an arrow and has a suitable protruding anchor at the bottom to prevent movement when the top stiffener portion of the "T" is removed. ZipStrip is available in 1", 1-1/2" and 2" vertical depths, and will provide a weakened plane joint in on grade concrete slabs from 4" to 8" thick.



## Architects and Engineers:

ZipStrip is the most advanced method of creating weakened plane joints in on grade concrete slabs. ZipStrip creates an early line of weakness in a concrete floor which insures against surface random cracking. Below the surface, key line cracking takes place around the aggregate which forms a natural locking of both sides of the ZipStrip.



## Contractors:

ZipStrip is the inexpensive alternative to saw cutting when weakened plane joints are required in on-grade concrete slabs. Concrete surfaces can be finished smooth over the top of ZipStrip or control joint lines can be tool edged using a preferred radius on slab surface.

## ZIPSTRIP ORDERING INFORMATION

NO.	JOINT DEPTH	SLAB THICKNESS	LENGTH	QTY/BOX	FT./BOX
21-1X10	1"	3" to 6"	10'	50 pcs.	500'
21-1-1/2 X10	1-1/2"	6" to 8"	10'	50 pcs.	500'
21-2X10	2"	Over 8" thick	10'	50 pcs.	500'

*Specific lengths available for walkways driveways, pool decks etc.  
Call customer service for information and pricing.*



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