

# Ducting - Universal Acrylic - Datasheet

## Product Description

175 universal acrylic sealant is suitable for internal applications that provide a permanently flexible long lasting seal for duct applications.

## Benefits

- Permanently flexible
- Adheres to most surfaces
- Mould resistant
- Easy clean up.

## Limitations

- Protect from water for a minimum of 24 hours after application. Note that damp or humid conditions will significantly extend the cure time.
- Do not attempt to abrade when cured.

## Specific Preparation

All surfaces must be clean and dust free. All loose or flaking surface coatings, and old sealant and mastic joints, should be removed before application.

## Application

Cut the tip of the cartridge taking care not to damage the thread. Apply nozzle and cut cleanly at an angle of 45° with an opening slightly larger than the gap to be sealed. Apply using a standard sealant gun. Best results will be obtained by keeping an even pressure on the gun trigger and keeping the gun at a constant angle to the surface being sealed. Smooth down within 20 minutes of application using a wetted spatula, piece of wood or wetted finger. Care should be taken at this point not to saturate the surface as this will delay drying. Any excess sealant etc., can be removed using a sponge and warm water.

## Storage

Store in cool dry conditions and protect from frost.

## Shelf Life

36 months from date of manufacture.

## Specific Data

Part Number	8960266	
Form	Ready to use thixotropic paste, viscosity ca. 250,000cps	
Specific Gravity	1.67-1.71 G/CM <sup>3</sup>	
Elongation at Break (%)	>100% ISO8339	
Hardness (Shore A)	Approximately 40	
Tack Free Time	15 to 60 mins, dependent on thickness, ambient temperature and humidity	
Full Cure	3 to 5 days, dependent on thickness, ambient temperature and humidity	
Solids Content	80-84%	
Slump Resistance	No slump ISO7390	
Application Temp. Range	+4°C to +40°C	
Service Temp. Range	-15°C to +75°C	
Chemical Resistance	Dilute Acids - Fair	Dilute Alkaline - Fair
	Hydrocarbons - Fair	Aliphatic Aromatic Hydrocarbons - Poor
Movement Accommodation	Low to medium (+/- 7.5%) EN15651-1:2012	
Shelf Life	Up to 36 months when stored in unopened cartridges under cool dry conditions. <b>AVOID FROST</b>	
Compatibility	Can be used in contact with most building and decorating materials but should not be used against bituminous materials.	
Limitations	Should not be used in conditions of continuous immersion, below ground level, in areas of high abrasion (e.g. floor joints).	

