

DE NEEF[®] Denefoam 200

Spray Foam

Product Description

DE NEEF[®] Denefoam 200 is HCFC Blown spray foam sealant that can be used to seal and fill voids. It is supplied in ready to use kits and requires no special pumping equipment. DE NEEF[®] Denefoam 200 starts its reaction immediately and completes its rise in approximately 3 minutes. It cures tack free in under 5 minutes to yield a rigid foam with a density of 1.6-1.7 pounds per cubic foot.

Product Advantages

- Easy to install
- Packaged in kits
- Low-density material
- ASTM E-108 Class A
- ASTM E-84 Class II

Product Applications

- Fill underground void spaces
- Seal void spaces in concretes
- Fill wall cavities
- Fill abandoned utilities and conduits

Installation Guidelines

Warning: Consult the Technical Data Sheets and SDS before using.

- 1.** Inspect DE NEEF[®] Denefoam 200 kit. Make sure that the box and contents are not damaged.
- 2.** Wear impervious gloves, safety goggles and work clothes. Use with adequate ventilation.
- 3.** Shake kit before opening box to ensure proper mixing.
- 4.** Push in front panel and remove hose/gun assembly and static mixers.
- 5.** Extend hose/ gun assembly
- 6.** Open top of box and open cylinder valves. Enclosed wrench may be needed.
- 7.** Lube gun port with enclosed lubricant to prevent foam build up around ports.
- 8.** Insert bottom of static mixer into bottom slot on gun.
- 9.** Latch top by pushing towards back of gun until a snap is heard.
- 10.** If more than 1 minute elapses between spraying, change static mixer. This prevents blow back in the lines.
- 11.** Remove used static mixer by pushing top latch up and forward to unsnap.
- 12.** Do not attempt to clean hose lines.

1. Once the kit of DE NEEF[®] Denefoam 200 is empty, the box, gun and hoses can be disposed of as normal trash.
2. If the opened kit needs to be stored, remove static mixer, coat inlet nozzles with petroleum jelly, replace static mixer and leave gun lock on.
3. DE NEEF[®] Denefoam 200 should be removed from surfaces that are not to be grouted before the material takes a final set and hardens. Once hardened the material must be removed by mechanical means.

Note: On site conditions vary. Adjustment to this procedure can be made to fit conditions, but should be made prior to the start of the job with the Contractor and On Site Engineer.

Injection: During injection the grout will follow the path of least resistance. When the material has stopped penetrating it will continue to expand against the limits of the confined space and compress within itself, forming a dense, closed cell foam.

Extreme conditions: For application procedures in extreme temperatures and specific environments or equipment recommendations call the DE NEEF[®] Technical Service Department.

Cleaning: Clean all tools and equipment which have been in contact with the resin with DE NEEF[®] Washing Agent before resin has cured. Products should be disposed of according to local, state, and federal laws.

Packaging & Handling

Packaging:

24 lb (net wt) disposable kit
 14 cu ft yield
 38 lbs. Shipping weight

Store in dry area using original containers.

Limitations

Install small quantities at a time to reduce exotherm. This lowdensity material is not intended to provide structural support; it is designed to fill and seal void spaces and cavities.

Health and Safety

Always use protective clothing, gloves and goggles consistent with OSHA regulations. Avoid eye and skin contact. Do not ingest. Refer to SDS. For emergencies, call CHEMTREC 1-800-424-9300.

Properties

DE NEEF [®] DENEFOAM 200	
Cream Time:	Instant
Rise Time:	180 seconds
Tack Free Time:	220 seconds

Free Rise Density	1.6-1.7 pounds/cubic foot	
	"A"	"B"
Specific Gravity 75 °F	1.23	1.11
Viscosity 75 °F	120	600 cps
Property	Cured	Test (ASTM)
Compressive Strength	16-22 psi	D1621
Dimensional Stability	-2% to +8%	D2126
Closed Cell Content	80-90 %	D2856
Moisture Vapor Transmission	3.0 to 5.0 perm/inch	E96
Expansion	43 V (volumes)	

Note: The data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations from the data shown above may result.

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