



Installation Instructions for DIY - Attic

Scope

The purpose of this bulletin is to provide general guidelines for the proper installation of Cell Pak SmartShredz Cellulose Insulation in attic assemblies. SmartShredz is a high quality cellulose insulation used in new construction or retrofit markets. SmartShredz is designed to be blown dry or with moisture added in attics. SmartShredz passes both critical radiant flux and smoldering combustion test. SmartShredz meets the requirements of the consumer product safety commission (CPSC), 16 CFR 1209, 1404 and ASTM C739. SmartShredz is a Class 1 or Class A building material based on tests according to ASTM E84.

Recommendations

1. The insulation applicator has read and is familiar with all of these installation guidelines.
2. The DIY understands the proper, safe use and operation of the equipment.

Equipment

- Blowing machine
- Hose
- Extension cord (minimum 12 gauge)
- Ladder to gain access if needed
- Metal barrier material for 3" clearance around heat surface. Do not use potential combustible material as barrier
- Lighting (if needed)
- Baffles (if needed)
- Attic rulers
- Safety eyewear
- Dust mask for protection against nuisance dust (N95 NIOSH approved)

Application

Open blow applications provide complete uniform coverage. SmartShredz can be installed to any thickness to achieve practically any desired R-value.

DOE recommends R-38 to R-60

1. Calculate the net attic space to be insulated.
2. Using the coverage chart for advantage, calculate the number of bags required to cover net square footage your required R-value.
3. Install attic rulers.
4. Set blow machine as recommended by machine manufacturer
5. Pull hose to the farthest corner from the attic access and work back.
6. Begin blowing, installer should maintain a hose angle of 30 degrees from horizontal.
7. Do not block soffits or cover heat sources.
8. Install the total number of bags at or above the minimum thickness required to achieve the R-value

CAUTION: TO HELP AVOID FIRE: Keep cellulose insulation at least three inches away from the sides of recessed light fixtures. Do not place insulation over such fixtures so as to entrap heat. Also keep this insulation away from exhaust flues of furnaces, water heaters, space heaters, or other heat-producing devices. To be sure that insulation is kept away from light fixtures and flues use a barrier to permanently maintain clearance around these areas. Check with local building of fire officials for guidance on installation and barrier requirements.



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