STYROFOAM™ Brand RECOVERMATE CR Extruded Polystyrene Foam Insulation

1. PRODUCT NAME
STYROFOAM™ Brand
RECOVERMATE CR Extruded Polystyrene Foam Insulation

2. MANUFACTURER
The Dow Chemical Company
Dow Building Solutions
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Calgary, AB T2P 5H1
1-866-583-BLUE (2583) (English)
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www.dowbuildingsolutions.com

3. PRODUCT DESCRIPTION
STYROFOAM™ Brand
RECOVERMATE CR Insulation is an extruded polystyrene fanfolded foam board with square edges. Poly-coated kraft facers make STYROFOAM™ Brand RECOVERMATE CR Insulation compatible with plasticized membranes. Lightweight, easy-to-cut STYROFOAM™ Brand RECOVERMATE CR Insulation provides high compressive strength as well as moisture and puncture resistance.

BASIC USE
STYROFOAM™ Brand
RECOVERMATE CR Insulation is designed specifically for installation over an existing roofing membrane in roof re-cover applications with a new ballasted or light-colored mechanically attached sheet membrane.

4. TECHNICAL DATA
APPLICATIONS
STYROFOAM™ Brand
RECOVERMATE CR Insulation meets IBC/IRC requirements for foam plastic insulation. Applicable ASTM standards include:
- D2842 – Standard Test Method for Water Absorption of Rigid Cellular Plastics
- C203 – Standard Test Methods for Breaking Load and Flexural Properties of Block-Type Thermal Insulation

PHYSICAL PROPERTIES
STYROFOAM™ Brand
RECOVERMATE CR Insulation exhibits physical properties indicated in Table 1 when tested as represented.

ENVIRONMENTAL DATA
STYROFOAM™ Brand
RECOVERMATE CR Insulation is hydrochlorofluorocarbon (HCFC) free with zero ozone-depletion potential. STYROFOAM™ Brand RECOVERMATE CR Insulation is reusable in many applications.

FIRE PROTECTION
STYROFOAM™ Brand
RECOVERMATE CR Insulation is combustible; protect from high heat sources. A protective barrier or thermal barrier may be required as specified in the appropriate building code. For more information, consult MSDS, call Dow at 1-866-583-BLUE (2583) or contact your local building inspector.

5. INSTALLATION
STYROFOAM™ Brand
RECOVERMATE CR Insulation boards can be installed over the old roof’s entire surface – on top of the existing membrane. Install ballasted or light-colored mechanically attached sheet membrane on top of STYROFOAM™ Brand RECOVERMATE CR Insulation. Contact a local Dow representative for more specific instructions.

| TABLE 1: PHYSICAL PROPERTIES OF STYROFOAM™ BRAND RECOVERMATE CR INSULATION |
|-----------------------------|--------------------------|
| PROPERTY AND TEST METHOD    | VALUE                    |
| Thermal Resistance at 3/8" (9.5 mm), ASTM C518 @ 75°F (24°C) mean temp., ft•h•°F/Btu (m²•°C/W), R-value (RSI), min. | 1.5 (0.26) |
| Compressive Strength, ASTM D1621, psi (kPa), min. | 15 (105) |
| Water Absorption, ASTM C272 (ASTM D2842), % by volume, max. | 0.2 |
| Maximum Use Temperature, °F (°C) | 165 (74) |

(1) R means resistance to heat flow. The higher the R-value or RSI (R-value Système International), the greater the insulating power.
(2) At 10% deformation or at yield, whichever occurs first.
6. AVAILABILITY
STYROFOAM™ Brand RECOVERMATE CR Insulation is distributed through an extensive network. For product availability or for the name of your local Dow sales representative, call:
1-800-232-2436 (English)
1-800-565-1255 (French)

7. WARRANTY
Not applicable.

8. MAINTENANCE
Not applicable.

9. TECHNICAL SERVICES
Dow can provide technical information to help address questions about using STYROFOAM™ Brand RECOVERMATE CR Insulation. Technical personnel are available to assist with any insulation project. For technical assistance, call:
1-866-583-BLUE (2583) (English)
1-800-363-6210 (French)

10. FILING SYSTEMS
• www.dowbuildingsolutions.com
• www.sweets.com

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CAUTION: This product is combustible. Protect from high heat sources. A protective barrier or thermal barrier may be required as specified in the appropriate building code. For more information, consult MSDS, call Dow at 1-866-583-BLUE (2583) or contact your local building inspector. In an emergency, call 1-989-636-4400 in the U.S. or 1-519-339-3711 in Canada.

WARNING: Rigid foam insulation does not constitute a working walkable surface or qualify as a fall protection product.

Building and/or construction practices unrelated to building materials could greatly affect moisture and the potential for mold formation. No material supplier including Dow can give assurance that mold will not develop in any specific system.