

## SPRAY INSULATION

Grade	Viscosity @ 25°C (m.Pas)	FRD (kg/m <sup>3</sup> )	MD (Kg/m <sup>3</sup> )	Ratio in PBV (Polyol:Iso)	Application
Technol R201	200-400	21-23	28-32	100:100-105	HFC 365/245 based spray roof insulation
Technol R202	300-400	25-28	30-33	100:100-105	Methyl based Spray roof Insulation
Technol R203	400-700	33-37	44-46	100:100	3.0 PCF spray roof insulation
Technol R204	150-300	5-7	8-10	100:100	½ PCF Spray open cell roof acoustic insulation



# SPRAY POLYURETHANE FOAM INSULATION

*Right Choice For Green Buildings*



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# DR. SPRAY

## SPRAY POLYURETHANE FOAM INSULATION

### FOR GREEN BUILDINGS – COST & ENERGY EFFICIENT

DR. SPRAY is SPF insulation product that is applied at a building site. Two Liquid components MDI(A) and Polyols Blend(B) are mixed under pressure and sprayed onto a roof or wall cavity. The reacting liquid expand and solidify with a nominal core density of 45-50kg/cu.m

*DR. SPRAY adheres well to the area it is applied to, providing an air barrier that prevents thermal leaks.*

## What is DR. SPRAY ?

- Is A Thermal Insulant*
- Is A Air Barrier*
- Is A Moisture Barrier*
- Is A Sound Barrier*

**“AIR INFILTRATORS LEADS TO MORE BONE HEATING & COOLING COSTS.”**

**“MOISTURE POSTS THE BIGGEST THREAT TO STRUCTURAL & DURABILITY OF BUILDINGS.”**

### Unmatched Benefits of Dr. Spray

- Energy Savings**  
Drastically cut heating and cooling costs.
- Improved Indoor Air Quality**  
Eliminates allergens and pollutants.
- Durability & Longevity**  
Designed to last for decades.
- Fast Application**  
Minimal downtime for your project.
- Eco-Friendly**  
Meets global standards for environmental safety.



# DR. SPRAY

## Right Choice For Green Buildings

**DR. SPRAY** help seals walls and cavities to save home owner's money on heating and cooling expenses. Along with thermal insulation and protection it provides moisture and air barriers which help in better indoor air.

### FEATURES & BENEFITS

- Reduce energy consumption*
- Lower utility bills*
- Improve building durability*
- Create healthier indoor environment*

### Perfect for Every Space

- Residential:* Homes, apartments, and villas.
- Commercial:* Offices, shopping complexes, and warehouses.
- Industrial:* Factories, storage tanks, and more.



### OPEN CELL FOAM

*Lightweight and flexible foam for soundproofing and thermal insulation.*



- Low Density*
- R-value of 3.6 per inch*
- Air barrier*
- Noise Absorber*

### CLOSED CELL FOAM

*High-density foam for maximum thermal performance.*



- Medium density*
- High R-value of 6.0 per inch*
- Air & Vapor Barrier*
- Structural Enhancement*

### ROOFS

**DR. SPRAY** is ideal for roof because it can be sprayed onto existing roofing material as a re-cover, or applied on new surface. Dr. Spray roofs are weather proof, light weight, durable, required less maintenance compared to other traditional roofing systems.

### WALLS

**DR. SPRAY** can be sprayed into the interior cavity of commercial walls, or onto the exterior sheathing. **DR. SPRAY** is compatible with many different type walls in addition, buildings with **DR. SPRAY** will increased structural strength and reduced mold problems.

### Why Dr. Spray?

Comparison with Traditional Insulation

Feature	Dr. Spray Foam Insulation	Traditional Insulation
Thermal Efficiency	Superior	Moderate
Air Sealing	Complete	Limited
Durability	Long-lasting	Short-term