



## Product Used

Spaceloft® 9251

## Aerogel Dramatically Improves Thermal Comfort of House Floor

Flexible aerogel blanket installed in half hour versus full day for polystyrene

## Distribution Partner

Aktarus Group  
(www.aktarusgroup.com)

## Installation Partner

Gruppo Vega  
(www.gruppovega.com)

---

### Challenges

- Insulate a new floor being installed in a residential house. The existing floor had been laid down directly on the ground without any insulation.
- The new floor needed to improve the thermal comfort in the house and reduce heating costs.
- There was not much space to insulate.

---

### Aerogel Solution

- An aerogel solution of 9 mm **Spaceloft® 9251** was chosen for its outstanding insulation value in a thin profile.
- The use of conventional insulation materials would have required altering or changing all doors and frames.

---

### Benefits

- Spaceloft 9251 was installed on the entire floor in 30 minutes. Polystyrene foam requires a full day. The time savings reduced labor costs and allowed the project to remain on schedule.
- The owner did not have to change any doors and frames, saving substantial time and money.
- Spaceloft is easy to unwind on the floor, flexible but robust, and easily cut like a carpet.
- The thin Spaceloft saved over 3 cm of height in the room.



It took just 30 minutes to install Spaceloft 9251 throughout this entire room. Polystyrene foam takes a full day to install. The aerogel insulation dramatically improved the thermal comfort of the floor.