

India's most innovative Cast PU company brings complete **Vibration Isolation Solutions** from the global expert



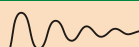
Over two decades, Speciality Innotech Pvt. Ltd. (SIPL) has established itself as a leader in cast polyurethane processing, through an integrated world-class facility. Catering to the needs of a wide range of applications across industries, SIPL is today venturing into uncharted areas of the PU market by bringing innovative products through tie-ups with global giants like BSW and Datwyler.

The increasing concern for vibration isolation problems requires specialised technical expertise. BSW – Berleburger Schaumstoffwerk GmbH, Germany is one of the leading producers of PU products used to provide Vibration Isolation Solutions (VIS). Speciality Innotech offers BSW's high quality products and expertise in India to provide comprehensive solutions for vibration isolation.



End-to-end Solutions

Regupol® | Regufoam®

 on your wavelength

Speciality Innotech brings BSW's renowned products Regupol® and Regufoam® to India. Besides offering the best products, Speciality Innotech provides end-to-end solutions for dealing with vibration isolation problems.

- **Vibration Analysis**
- **Vibration Isolation Solution calculation and design**
- **Material Supply – Regupol® or Regufoam®**
- **Installation supervision on site**
- **Recommendation and supply of accessories and other supplements**

VIS and its Applications

Vibration Isolation Solutions (VIS) reduce the transmission of vibration and sound by decoupling a vibrating object from its surroundings. VIS finds a wide range of applications in :

- **POWER GENERATION :**
Boiler Feed Pumps, Fans, Turbines, Chillers etc.
- **IRON AND STEEL :**
Cold Rolling Mills, Generators, Hammer Mills etc.
- **CEMENT AND MINERAL PROCESSING :**
Crushers, Cooling Towers etc.
- **ENGINEERING :**
Generators, Motors, Testing Beds, Compressors, Pumps, Press Machines, CNC Machines etc.
- **ARCHITECTURAL ACOUSTICS & IMPACT SOUND ISOLATION :**
Floating Floor Isolations such as Cinema Halls, Malls, Pubs, Commercial Buildings, Studios, Parking Floors, Hospitals etc.
- **MARINE :**
Pumps, Motors, Engine Assembly, Rotors etc.
- **RAILWAY :**
Under Rail Tracks, Isolation of AC, Fans in Tunnels for Metro Rail etc.





Innovative Products for Vibration Isolation

BSW's renowned Regupol[®] elastomers are composed of rubber granulates, rubber fibres and rubber crumbs processed and elasticised with various polyurethanes using a special manufacturing method. BSW's recent innovation is Regufoam[®], a microcellular polyurethane elastomer suitable for all applications which require attenuation of impact sound and vibration, durability and resistance to mechanical loads.



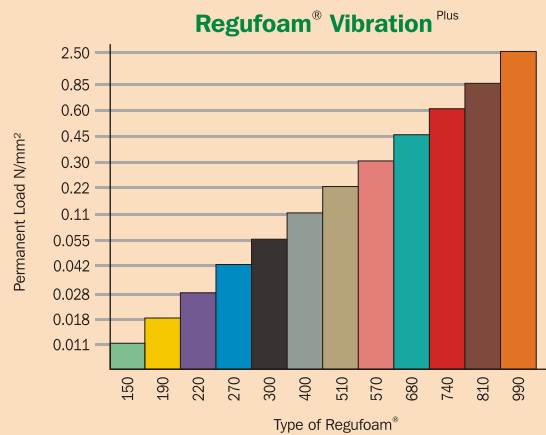
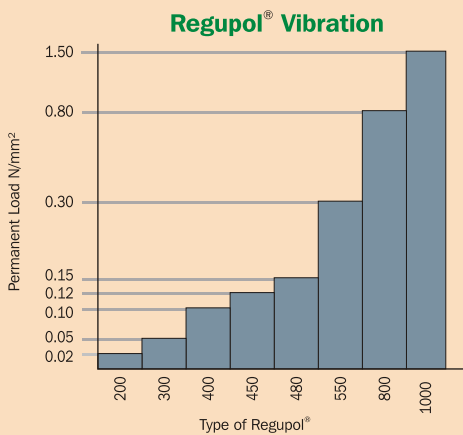
Regupol[®]

- Resistant to oils, greases, most hydrocarbons, hydrolysis
- No migration of plasticisers like standard rubber-based isolators
- No compaction or hardening on ageing
- Adequate dampening
- Volume compressibility
- Natural frequency up to 12 Hz
- Economic solutions
- Long service life



Regufoam[®]

- Low creep
- Resistant to oils, greases, most hydrocarbons, hydrolysis
- Low temperature flexibility
- Excellent dampening
- Volume compressibility
- Low natural frequency up to 6 Hz
- No special construction methods and designs required
- Long service life
- Bear very high shock loads without hampering dynamic properties



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