

### INTRODUCTION:

**Hyseal 30-45** is used to arrest coal gas leakages in the Thermal Power Stations, Fertilizer Industries.

**Hyseal 30-45** is applied externally wherever coal gas leakage is observed due to hairline cracks and pin holes because of the erosion of the mild steel or ceramic pipelines by the coke and coal particles. It is done on day to day basis for a boiler maintenance and mill maintenance product.

Following are the places of application of **Hyseal 30-45**

<b>Bowl Mills</b>	Man Holes
<b>Ball Mills</b>	Duct Holes
<b>Joints</b>	Air Preheaters
<b>Couplings</b>	During Capital Repairs
<b>Inlet Elbows</b>	Joining places of furnace
<b>Bends</b>	Around separated body liners

**Hyseal 30-45** is applied around the flanges of the couplings. It is also applied on the nuts and bolts of these couplings so that the possible leakages of the coal gas could be arrested.

In case of bigger leakages of dimension 1"x 1" size, spot welding is done by stopping the mill temporarily and switch over the alternative mill so that the continuity of power generation of "on line" power production is not hampered.

### SPECIFICATION :

<b>Colour</b>	Metallic coloured paste
<b>Viscosity</b>	Soft Paste
<b>Application</b>	Trowel or Caulking Gun
<b>Specific Gravity</b>	1.5 ± 0.2 kg / Lt
<b>Average Non-Volatile</b>	96% by Volume
<b>Coverage</b>	TROWEL: 0.2 to 0.4 m <sup>2</sup> / Kg (3.2 to 1.6 mm wet film thickness)
<b>Drying Time</b>	Touch: 8 Hour
<b>Service temperature Limits*</b>	( - 23)°C to 149°C
<b>Flammability</b>	Non –flammable
<b>Solvent for Clean up</b>	White Spirit / enamel thinner

\* Temperature limits are at the coated surfaces.

Vapor barrier sealer designed for dual temperature service with cellular glass and other rigid insulation. It is an effective barrier in joints and between courses of vapor barrier insulation, performing as a cushion and providing additional strength to the insulation protects from corrosion when used at a bedding compound.

On drying the coating remains soft and tackfree in service and will not shrink or crack during repeated cycles of high and low temperatures. Hyseal 30-45 seals the joints thoroughly against the entrance of moisture, further protecting the insulation against damage from moisture freezing within the insulation. Hyseal 30-45 is water and weather resistant and often used as a sealer in the laps of metal jacketing.

**NOTES:.** Do not thin with solvent and apply to clean dry surfaces only. Service temperature limits should not be exceeded reference . For use with calcium silicate, 85% magnesia, asbestos, mineral wool, fibrous glass, cork, polystyrene, polyurethane expanded ebonite and cellular glass

**Packing :**  
**20 Kg HDPE drum**

Keep away from direct sunlight & under good ventilation for storage.



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