



**Product Specification**  
**Civil Catalogue**  
**DENSO VOID FILLER NO. 2**

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**PRIMARILY USED FOR THE FILLING OF VOIDS BETWEEN ANCHOR STRANDS**

**Description:** A semi-solid specially formulated and blended Petrolatum Compound which is saturated into the pre-stressing strand with a heated bath and die arrangement.

The product exhibits excellent penetrating and wetting characteristics and contains no metallic soaps or volatile components.

<b>PROPERTY</b>	<b>METHOD</b>	<b>REQUIREMENT</b>
** Solids Content		100%
** Ash after ignition @ 600°C		<0.5% m/m
** Base Number		<0.1 mg KOH/g
** Acid Value		<0.1 mg KOH/g
** Saponification Value		<5 mg KOH/g
** Flash Point	Closed Cup	150°C MIN
** Drop Point	ASTM D566	45-70°C
* Unworked Cone Penetration @ 25°C	ASTM D937	150-180 dmm
* Worked Cone Penetration @ 25°C	ASTM D217	300-450 dmm
* Viscosity @ 25°C	Brookfield	>400,000 cps
		<500 cps
** Compatibility with HDPE Duct after 28 days @ 60°C		
Change in dimensions		<2%
Change in hardness		<2%
** Change in Diametric compression Strength of Duct		<5%
*** Stress Cracking with duct compressed by 25% of diameter		None
** Compatibility with		
Copper/Brass }		Protective
Steel }		
Galvanised Steel }		
*** Low Temperature Flexibility		-40°C
*** Maximum Continuous Service Temperature		40°C
*** Application Temperature		20°C to 90°C
*** Proven Performance	Evidence of actual use and satisfactory use for minimum 15 years.	