



## TECH Loose Wool HT

### Loose stone mineral wool for high-temperature industry applications

TECH Loose Wool HT is the lightly-bonded stone mineral wool roll for insulation of dead spaces, joints, industrial mattresses fillings or other areas where preformed insulation materials cannot be used.

TECH Loose Wool HT can be flexibly used for service temperatures up to 700°C. The thermal performance will be dependent on the stuffing density and direction of the fibers towards heat source.



#### HIGH SERVICE TEMPERATURES

Especially designed for high service temperatures up to 700°C



#### FIRE REACTION

Non-combustible, Euroclass A1 for effective fire protection on industry sites



#### NUCLEAR PLANT QUALITY

Certified for use in nuclear applications



#### HIGH FLEXIBILITY

Flexible to use lightly bonded stone wool for filling of joints and dead spaces



#### IMPROVED LOGISTICS

Transport and storage savings with up to 80% more material per pallet than standard solutions

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES									STANDARD
Thermal conductivity*	T	[°C]	-30	0	50	100	150	200	300	400	500	EN 12667
	λ	[W/(m•K)]	0.032	0.035	0.041	0.048	0.056	0.065	0.088	0.119	0.160	
Thermal behaviour	T	[°C]	Operating temperature range -200 °C until +700 °C									-

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES									STANDARD
Specific thermal capacity	c	kJ/(kg•K)	1.03									ISO 10456
Reaction to fire	-	-	Non combustible; Euroclass A1 Fire Spread Index = 0; Smoke Development Index = 0									EN 13501-1 ASTM E84
Water behaviour	WS	kg/m <sup>2</sup>	No short term water absorption by partial immersion (WS1 ≤ 1 kg/m <sup>2</sup> )									EN ISO 29767
Chemical behaviour	-	-	Do not contribute to corrosion of stainless steel Produced without addition of silicone Especially designed and certified for use in nuclear applications									ASTM C795/871
Application field	-	-	Product for use in technical applications, such as inaccessible cavities, complicated confined surfaces or dead spaces Especially designed and certified for use in nuclear applications									-
Material	-	-	Loose stone mineral wool without binder With quality marks EUCEB, unrisky regarding health according to regulation EC No 1272/2008 Note Q									CINI 2.2.04
Miscellaneous	-	-	Storage: Bags to be stored indoors in a dry and clean place away from source of humidity									-
Quality management	-	-	ISOVER is certified according to EN ISO 9001 and EN ISO 14001									EN ISO 9001 EN ISO 14001
Delivery form	-	-	Please contact your local ISOVER dealer All dimensions require minimum order quantities									-

\* Indicative values for a homogeneous density of around 100 kg/m<sup>3</sup>. Values may vary according to density and stuffing quality.



## www.isover-technical-insulation.com

*The technical information corresponds to our present state of knowledge and experience at the date of printing (see imprint). But no legal guarantee can be given, unless it has been explicitly agreed. The state of experience and knowledge is developing continuously. Please see to it that you always use the latest edition of this information. The described product applications do not take special circumstances in consideration. Please verify whether our products are appropriate for the concrete application. For further information please contact our Isover sales offices. We deliver only according to our terms of trade and terms of delivery.*

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