

EROSION RESISTANCE
ABRASION PROTECTION

DRAMITUFF FOR

From room temperature up to 1250°C

CEMENT

INCINERATION

COAL HEATED POWER PLANTS

DAMS

IRON AND STEEL

PNEUMATIC TRANSPORT

ALUMINIUM

CIRCULATING FLUIDISED BED BOILERS

VERTICAL FINISH MILL (400 to 600°C)

lined with 30 millimeters of

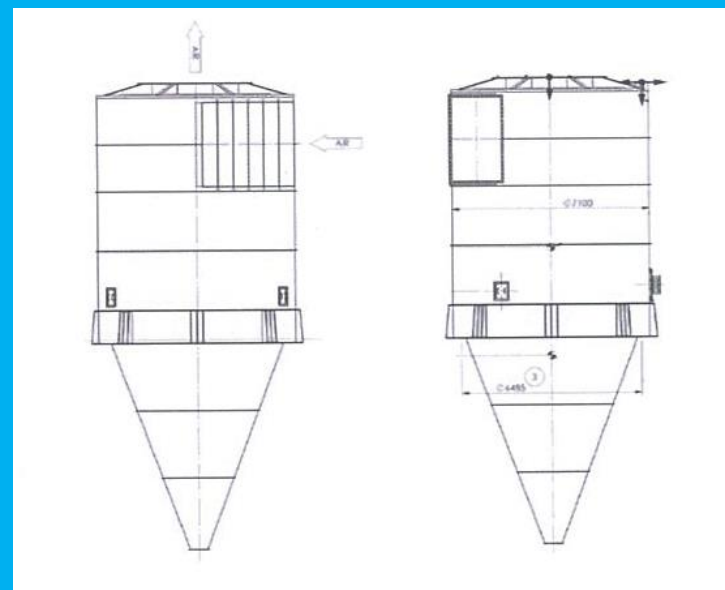
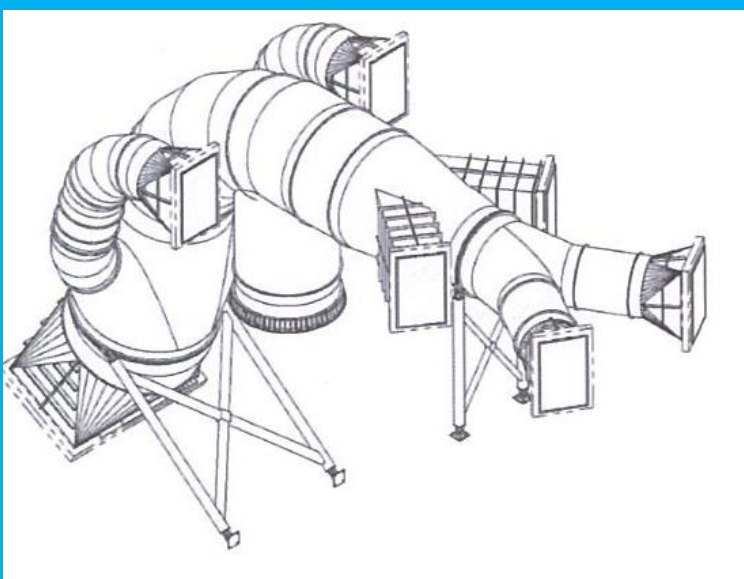
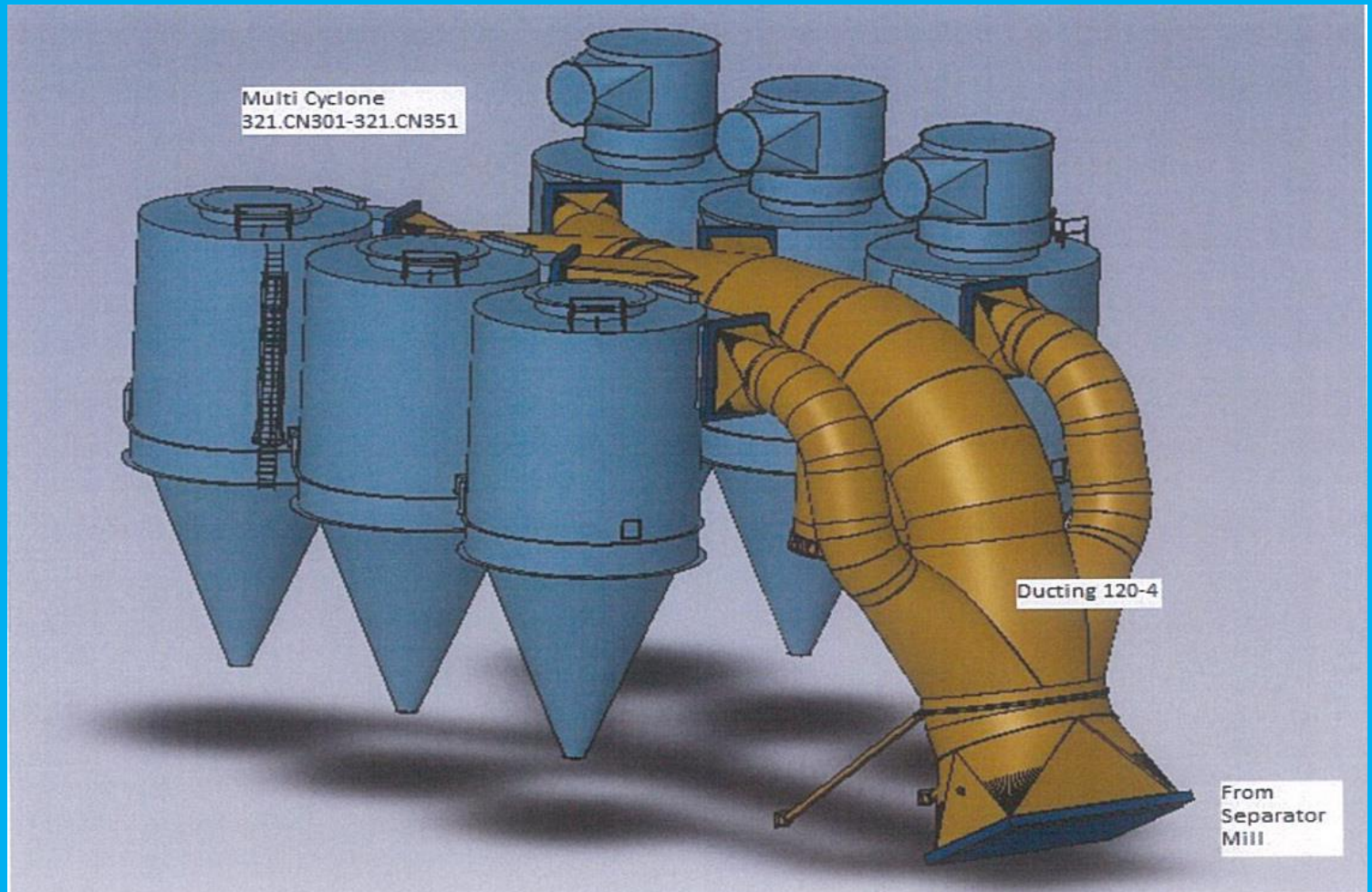
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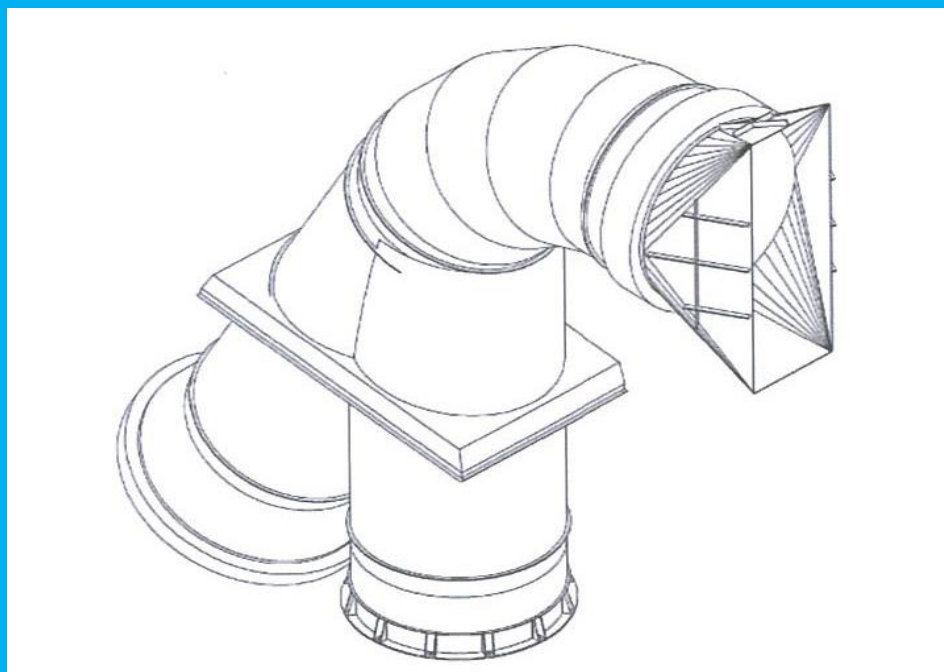
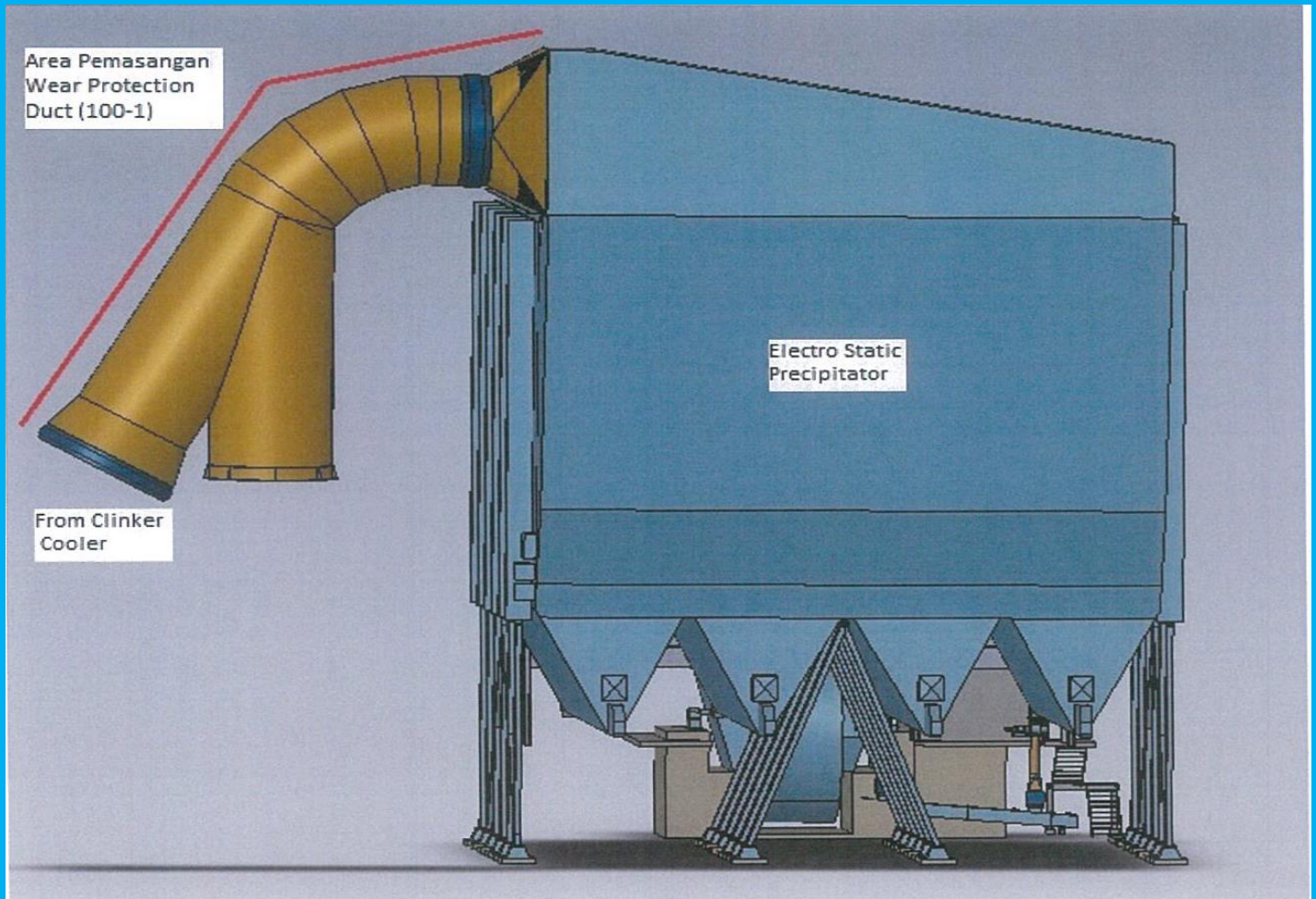


DUCT COOLER TO EP

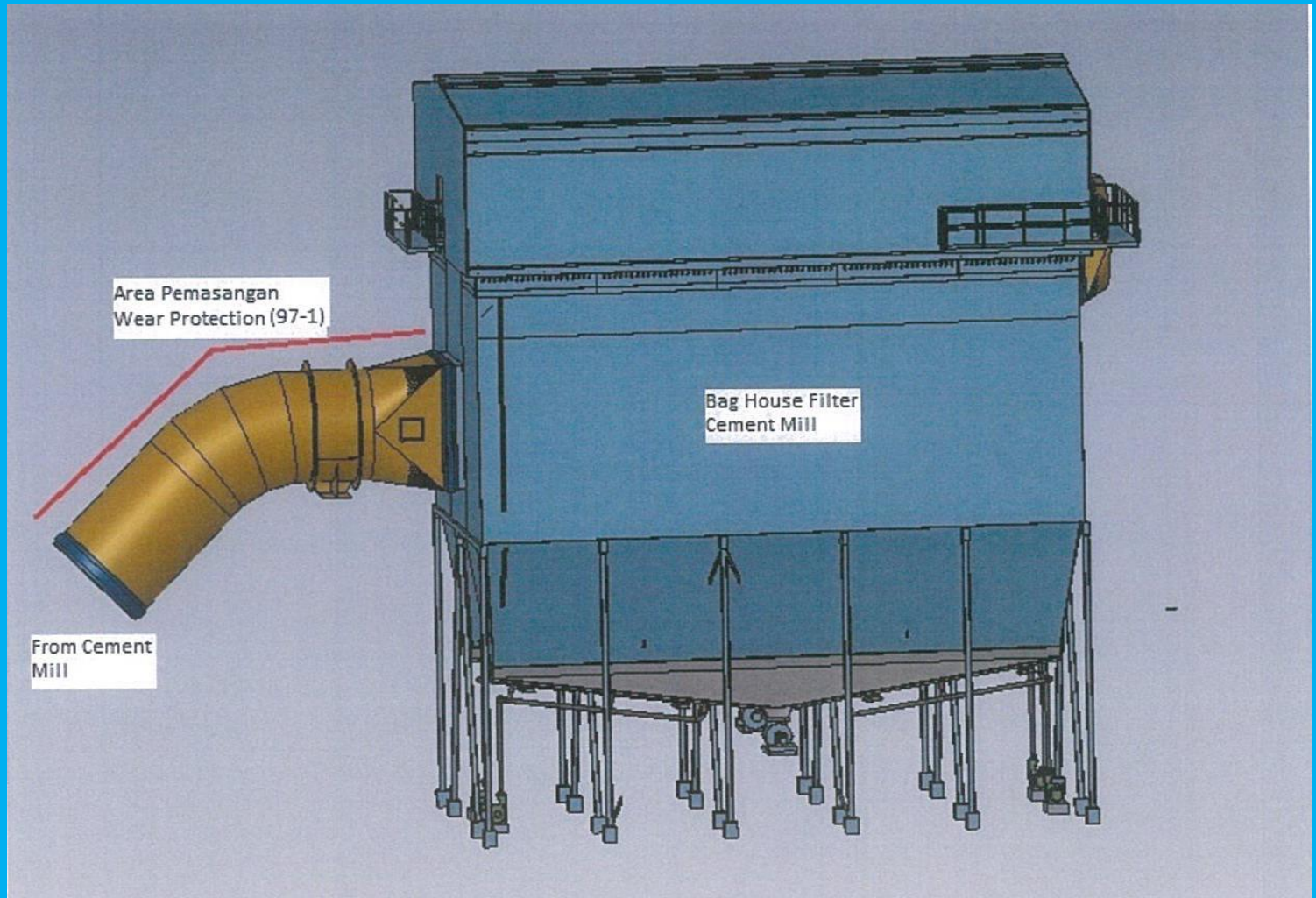




Gambar 1.1 Ruang Lingkup Pekerjaan Pemasangan Wear protection Ducting Raw Mill (120-1) & Multi Cyclone



Gambar 1.2 Ruang Lingkup Pekerjaan Pemasangan Wear protection Ducting Clinker Cooler (100-1)



Gambar 1.4 Ruang Lingkup Pekerjaan Pemasangan Wear protection Ducting Gas Cement Mill (97-1)



TYPICAL APPLICATIONS

- Grinding mills for clinker, cement, slags and coal
- Pneumatic transport systems for cement, slags and coal
- Dust extraction systems
- Dynamic and static separators
- Cyclones
- Flash dryer
- Launderers
- Circulating fluidised Bed Boiler Burning COAL



DRAMITUFF STANDARD VERSION For Troweling, hand placing, guniting

DENSITY	2.76
COLD CRUSHING STRENGTH C.C.S. - N/mm² (ASTM C133)	
After firing at 350°C	147
After firing at 815°C	145
ABRASION LOSS – Cm³ (ASTM C704)	
After firing at 350°C	< 4.00
After firing at 815°C	< 4.00
P.L.C. - % (ASTM C113)	
After firing at 350°C	-0.15
After firing at 815°C	-0.30
M.O.R. – N/mm² (ASTM)	
After firing at 350°C	31
After firing at 815°C	34
MIXING WATER - %	4.9 - 6
Mixing Time – Minutes (important to respect)	5
Shelf Time – Year (to be stored in a dry, clean warehouse)	1
Thermal conductivity @ 815°C - W/M.k	1.50 – 1.70
Workability	30 to 60 minutes
Maximum Service Temperature	1250°C

CHEMICAL ANALYSIS

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO	Other
76.2	15.1	1.1	2.79	2.53	2.28

DRAMITUFF is also available for : - Vibro Casting : quality VC

- Self Flowing : quality TF

The values given herein are typical average values obtained with accepted test method and are subject to normal manufacturing variations.

They are supplied as a technical service and are subject to change without notice.
Therefore, the data obtained herein should not be used for specification purposes.

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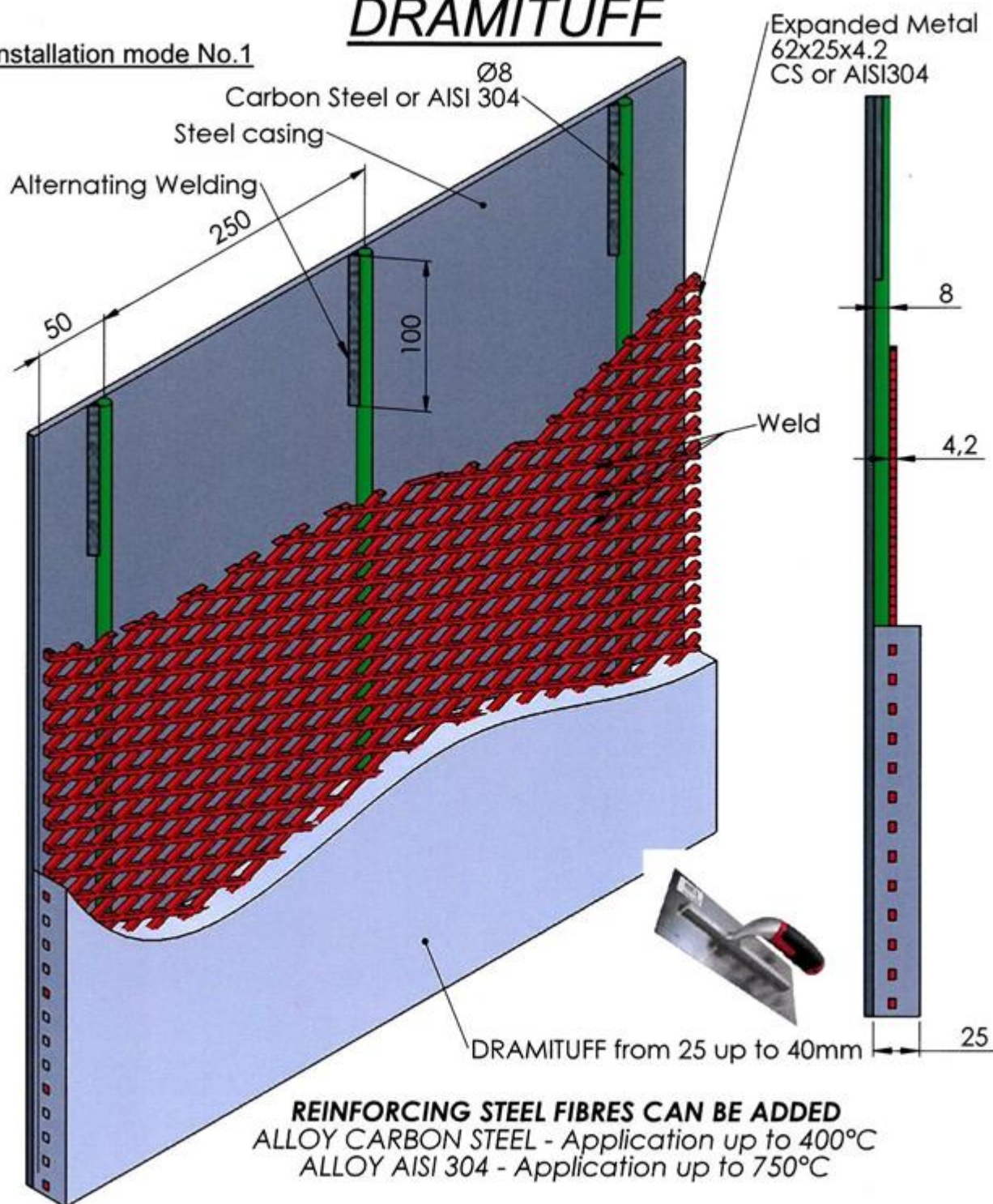


1 bucket = 20 Kgs
1 PALLET = 50 buckets = 1 ton



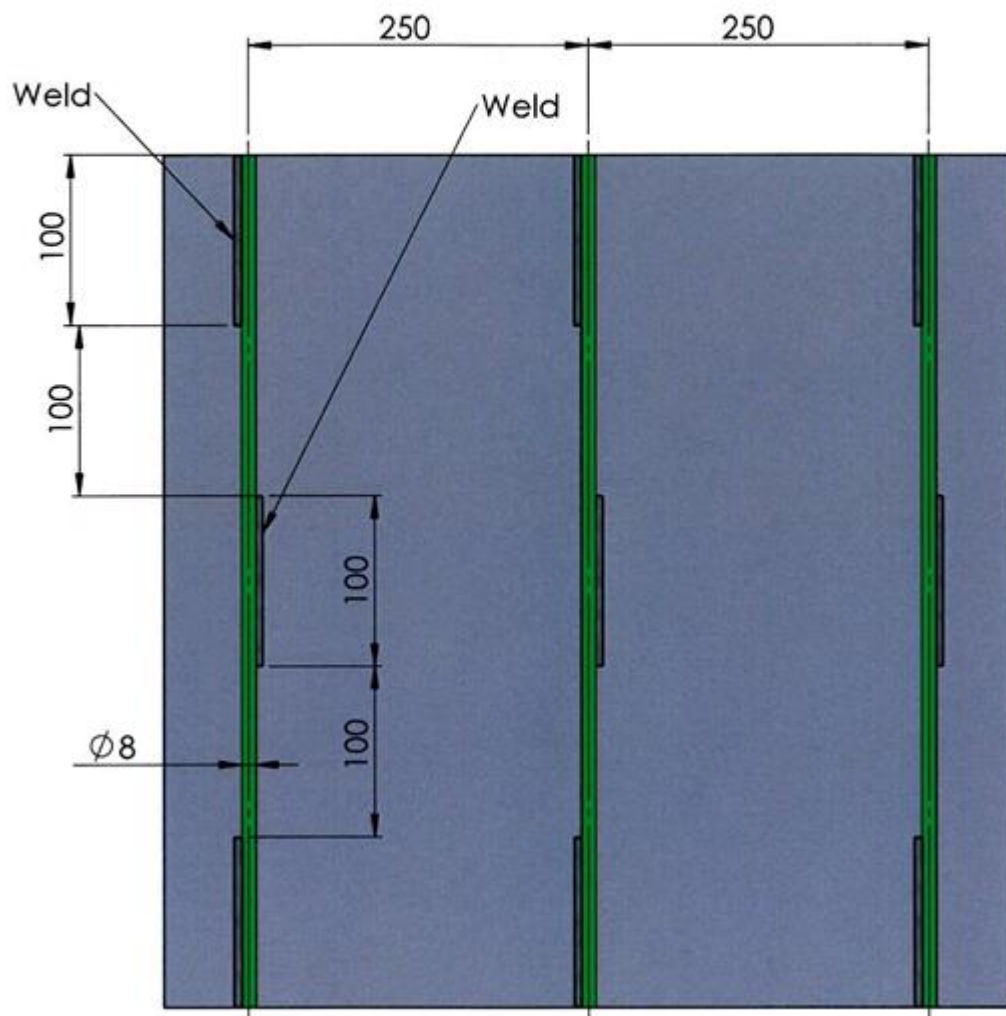
DRAMITUFF

Installation mode No.1



DRAMITUFF

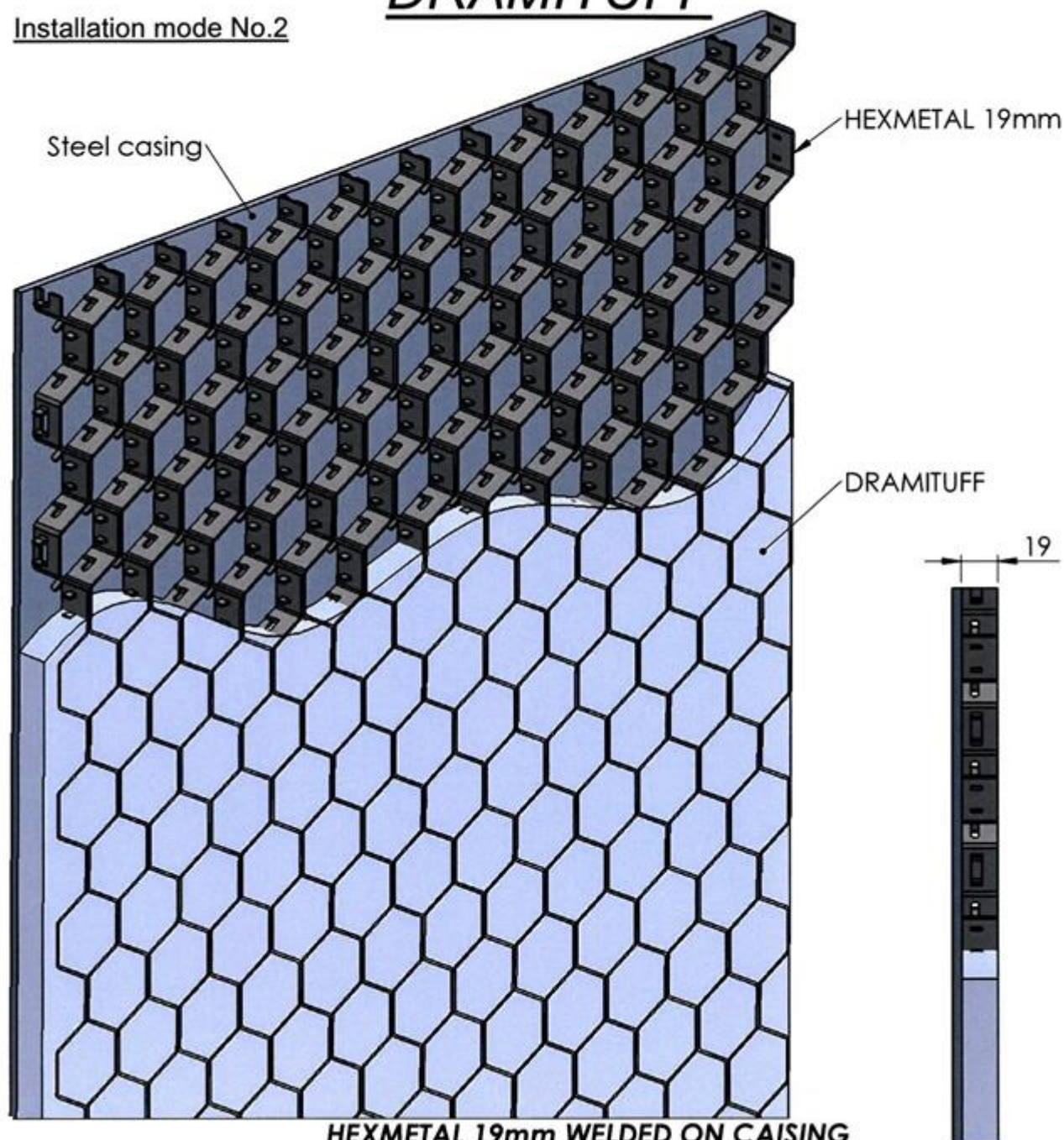
Installation mode No.1 (continuation)



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Installation mode No.2

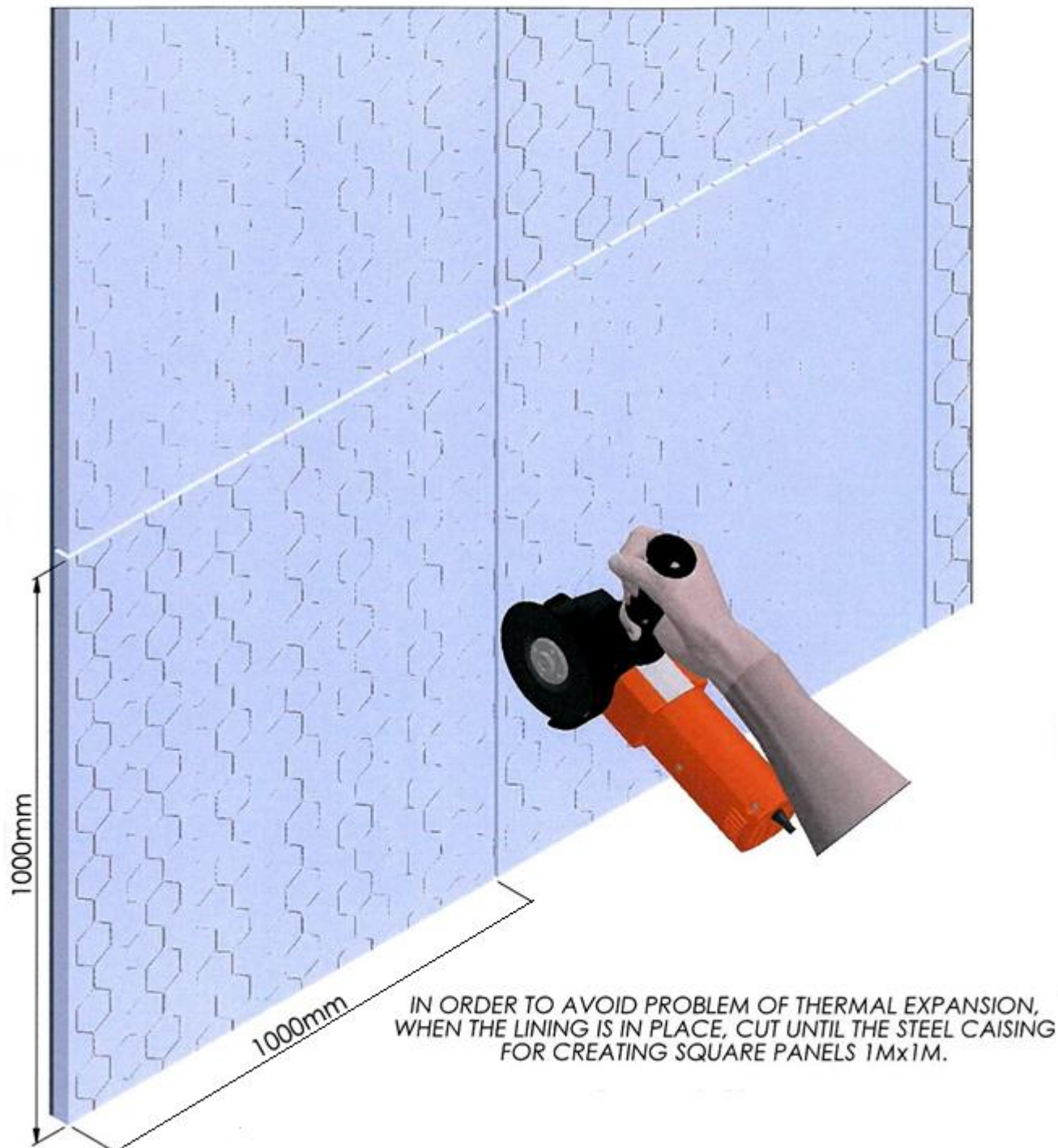


HEXMETAL 19mm WELDED ON CASING
 ALLOY CARBON STEEL - Application up to 400°C
 ALLOY AISI 304 - > 400°C

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Installation mode No.2 (continuation)

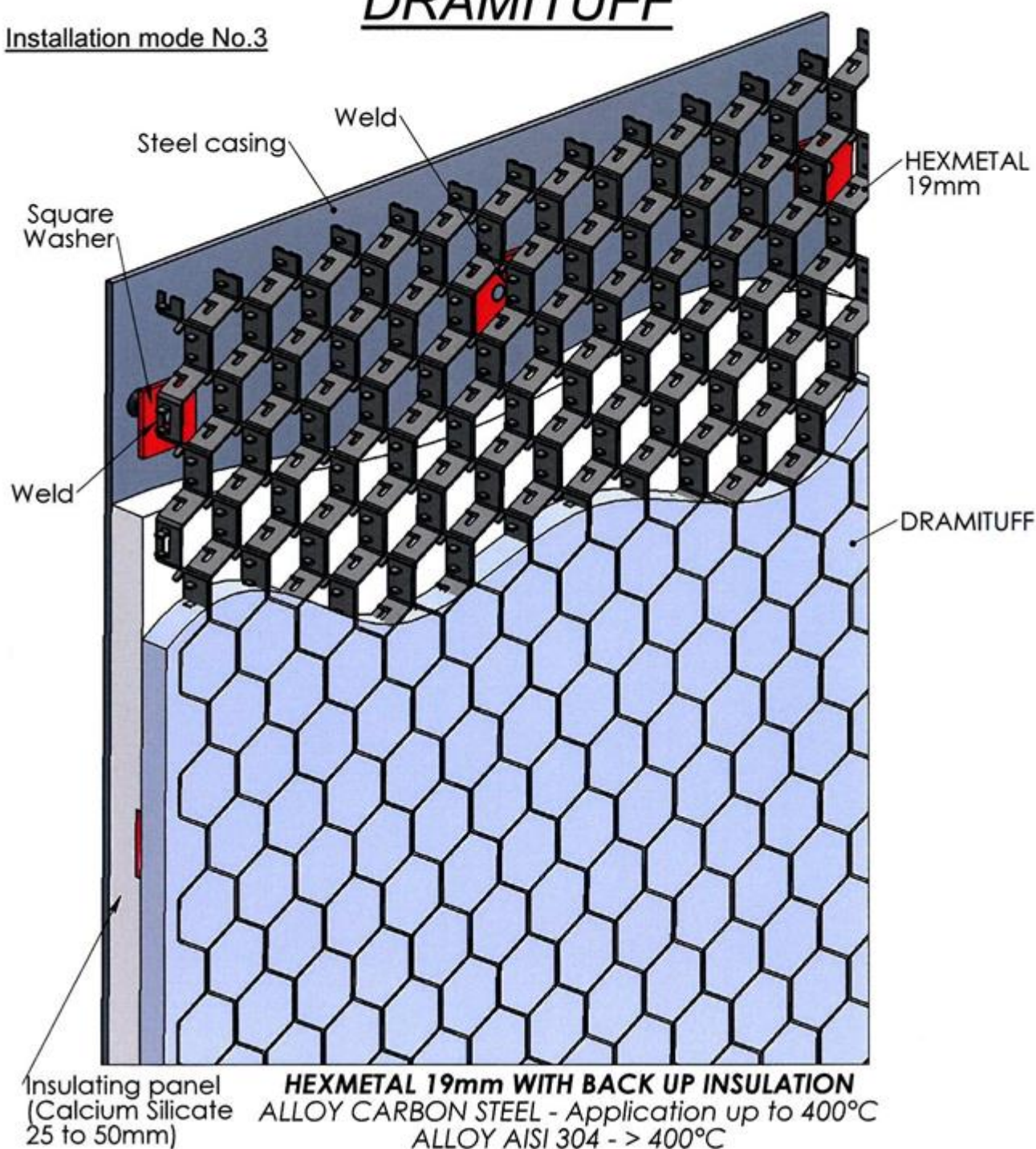


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Installation mode No.3

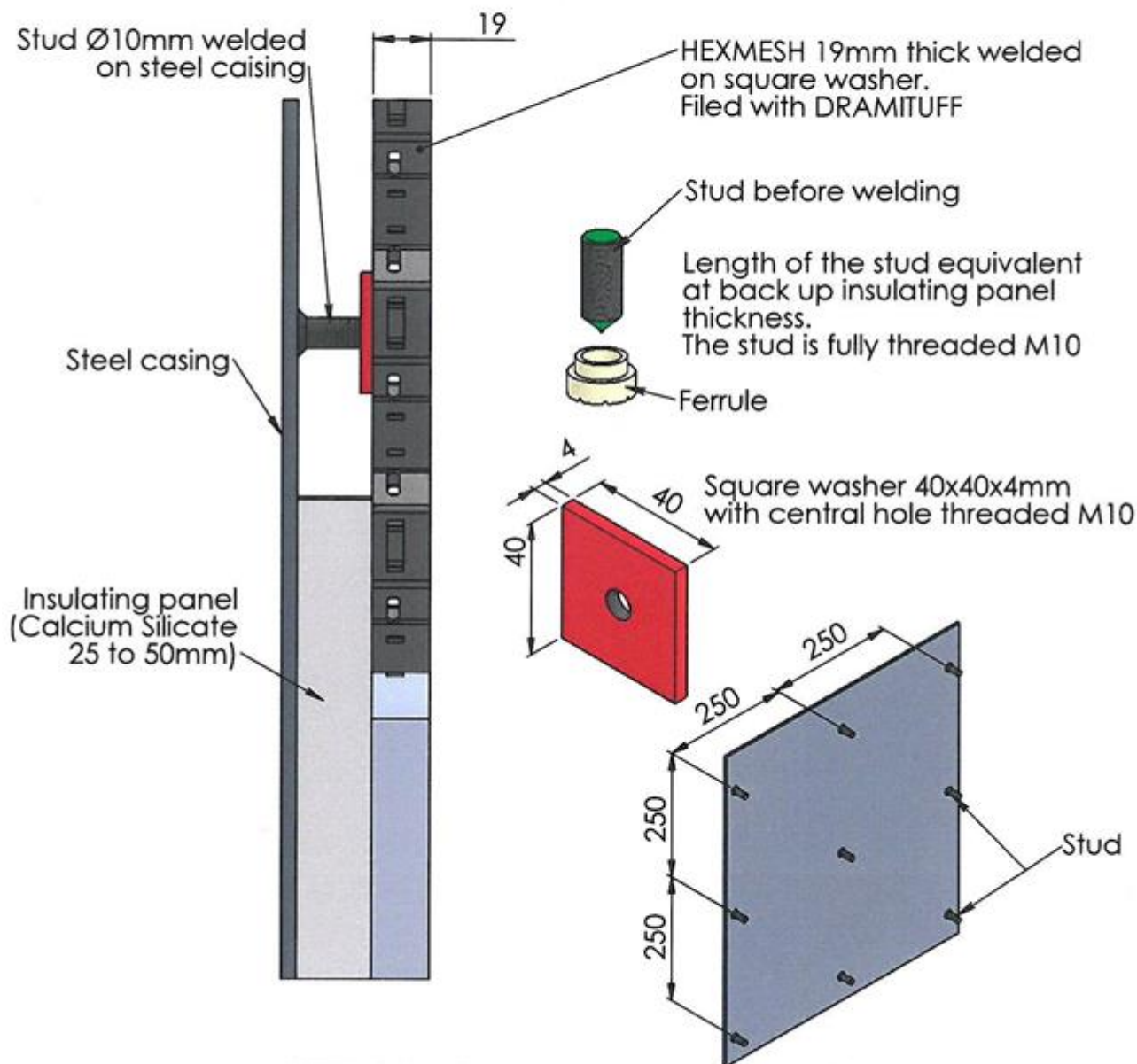


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DRAMITUFF

Installation mode No.3 (continuation)



HEXMETAL 19mm WITH BACK UP INSULATION
 ALLOY CARBON STEEL - Application up to 400°C
 ALLOY AISI 304 - > 400°C

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ANCHORS

Address: P.A De la vallée de l'escout n°9 rue de la crête 59264 ONNAING

TEL: +33 (0)3.66.50.00.30 - MOB: +33 (0)7.85.06.29.49

Email: contact@anchorsforrefractory.com - Site web: www.anchorsforrefractory.com