



# HERADESIGN



**AMF THERMAT<sup>®</sup>** **AMF VENTATEC<sup>®</sup>** Heradesign.

**KNAUF**



safety against ball throwing  
green label walls  
premium brand  
design office  
entertainment wood wool concentration  
fire resistance  
ceilings room ambience  
Knauf Insulation colours  
acoustics performance  
sustainability infrastructure sport & recreation education  
commercial architects plan  
renovation

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## Focus-

- **Education:** schools, kindergarten, universities, libraries etc.
- **Sports:** sport halls, swimming halls, multi-puopse halls
- **Offices:** administration, headquarters, Office parks
- **Infrastructure:** train station, airports, commercial areas,
- **Entertainment:** cinemas, concert halls, galleries, event halls
- **Leisure & Life style:** interior decoration of shops , restaurants, hotel
- **Commercial:** shop design



# Heradesign acoustic wood wool panel >> A perfect combination



**Wood (spruce = Fichte)**

From sustainable Austrian or German forests - a renewable natural resource.



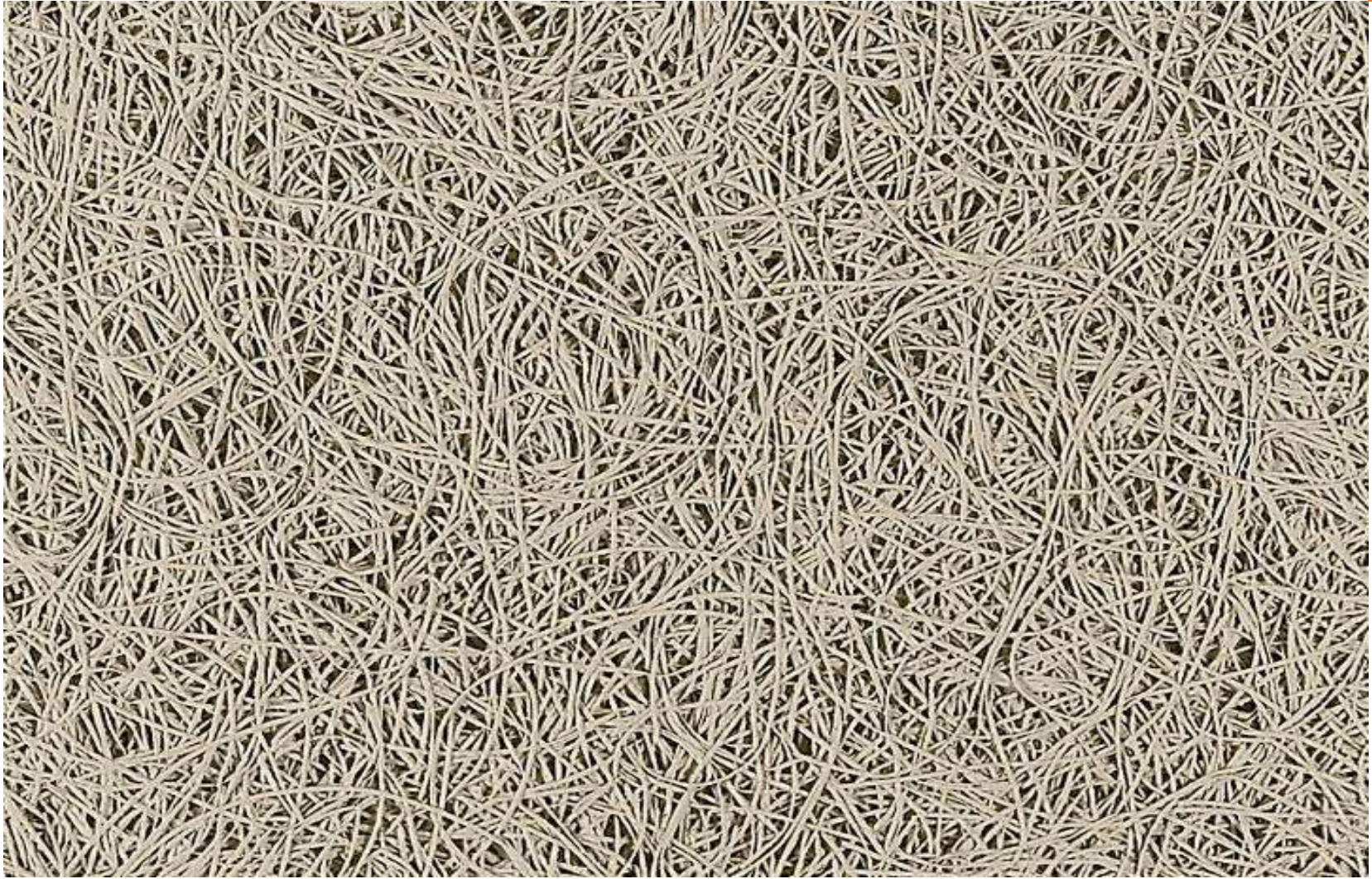
Good without further explanation



**caustic burned magnesite**

It is the **ideal bonding agent** for wood. The conservation components of the binding agent provide lasting **protection** for the wooden fibres and preserve their **elasticity** !

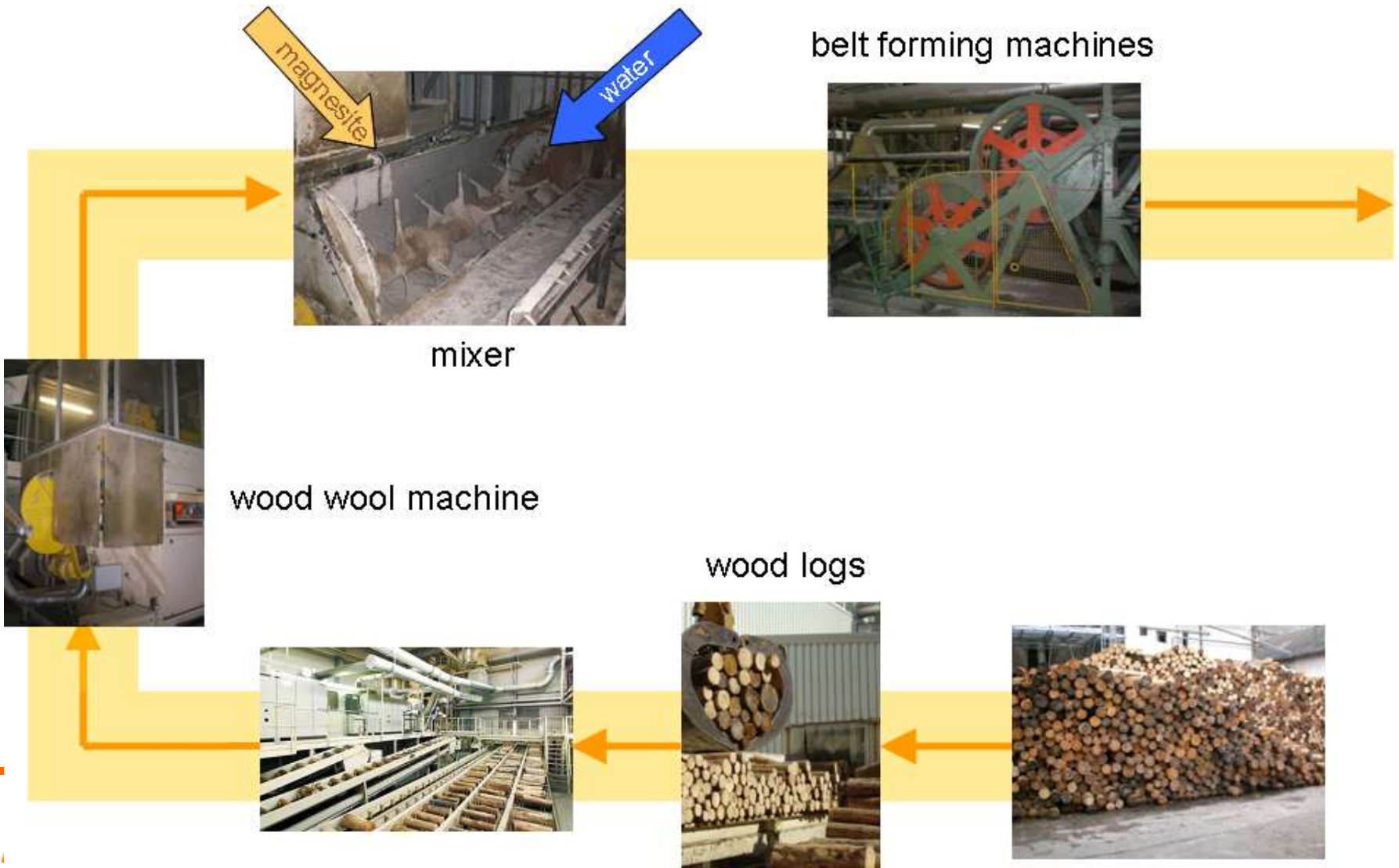




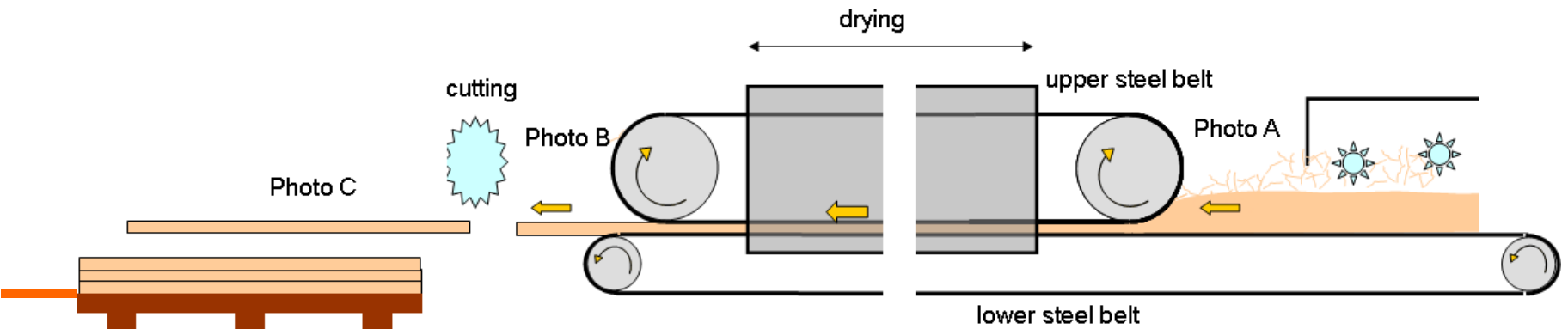
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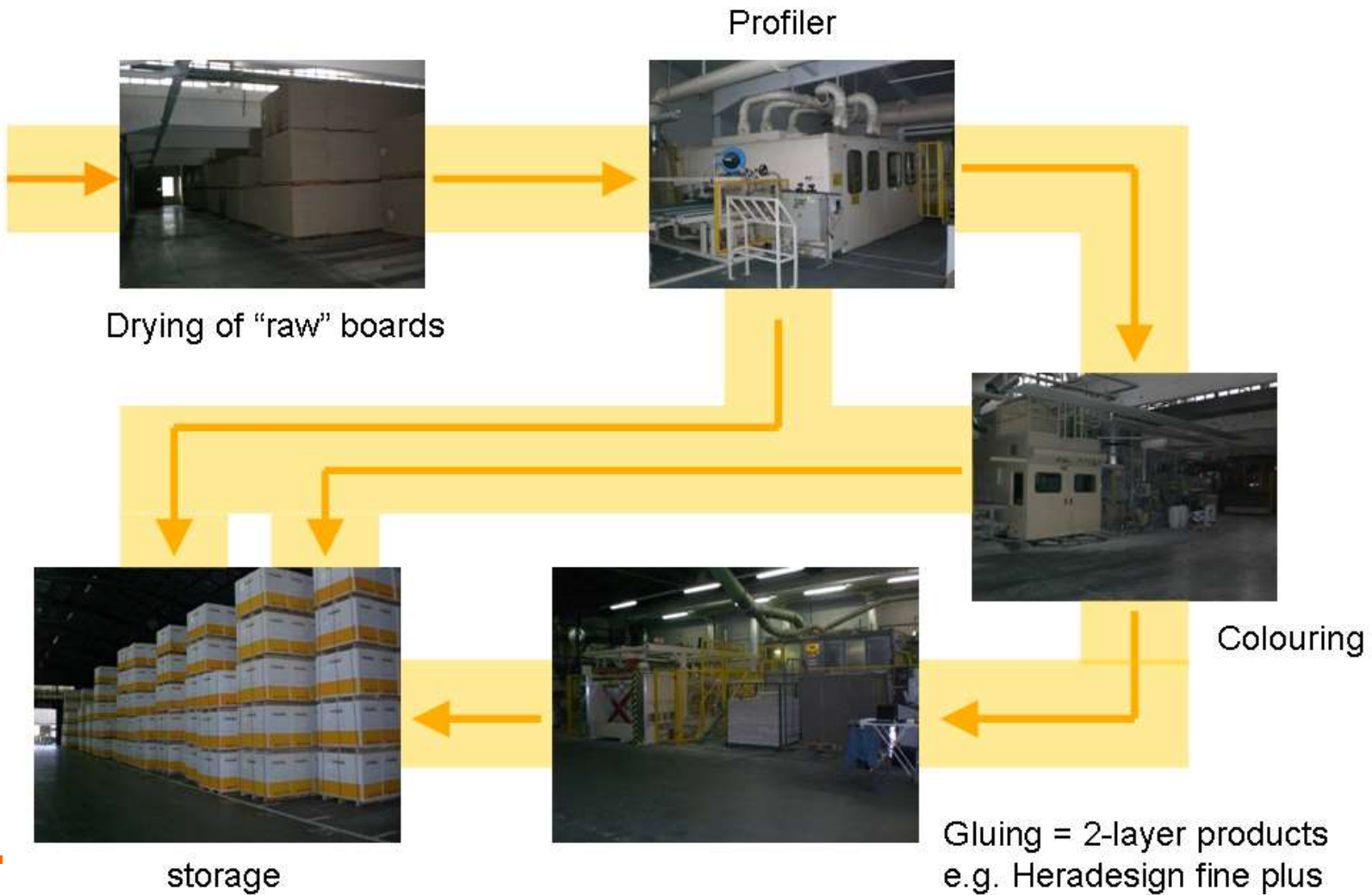
# Production technology



# Belt forming technology



# Production technology



## Heradesign acoustic panels – advantages/limitations

- Technologia pras tasmowych
- zagęszczone krawędzie
- wysoka tolerancja wymiarowa: +/- 1mm
- panele powstają między 4 stalowymi taśmami
- bardzo niski skurcz materiału: +/- 0,1 %
  
- Max. długość 2400mm
- Max. szerokość 600mm





# Wood wool panels – product / material attributes



Open and smooth surface structure



Long-lasting Durability



Dimensional accuracy and tolerances



Humidity and climate regulation



Various Edge design



Light Shrinkage behaviour



Sound absorption up to  $\alpha_w = 1,0$



Nature meets trend – non-toxic, organic building material



Reaction to fire – non-combustibility A2



High-quality and sustainable raw materials



High mechanical strength



Product portfolio endless scope of design



### Environmental Product Declaration

Life cycle assessment acc. to ISO 14025



### PEFC Certificate (Programme for the Endorsement of Forest Certification)

Sustainable forest management - issued by Holz Cert Austria



**Blue angle label**, issued by RAL gmbH, Germany, for products which take special care on the environment



### Experts` Report of Construction Biological Factors

investigated of approx. 400 substances

**Result:** No content or release of harmful or toxic substances



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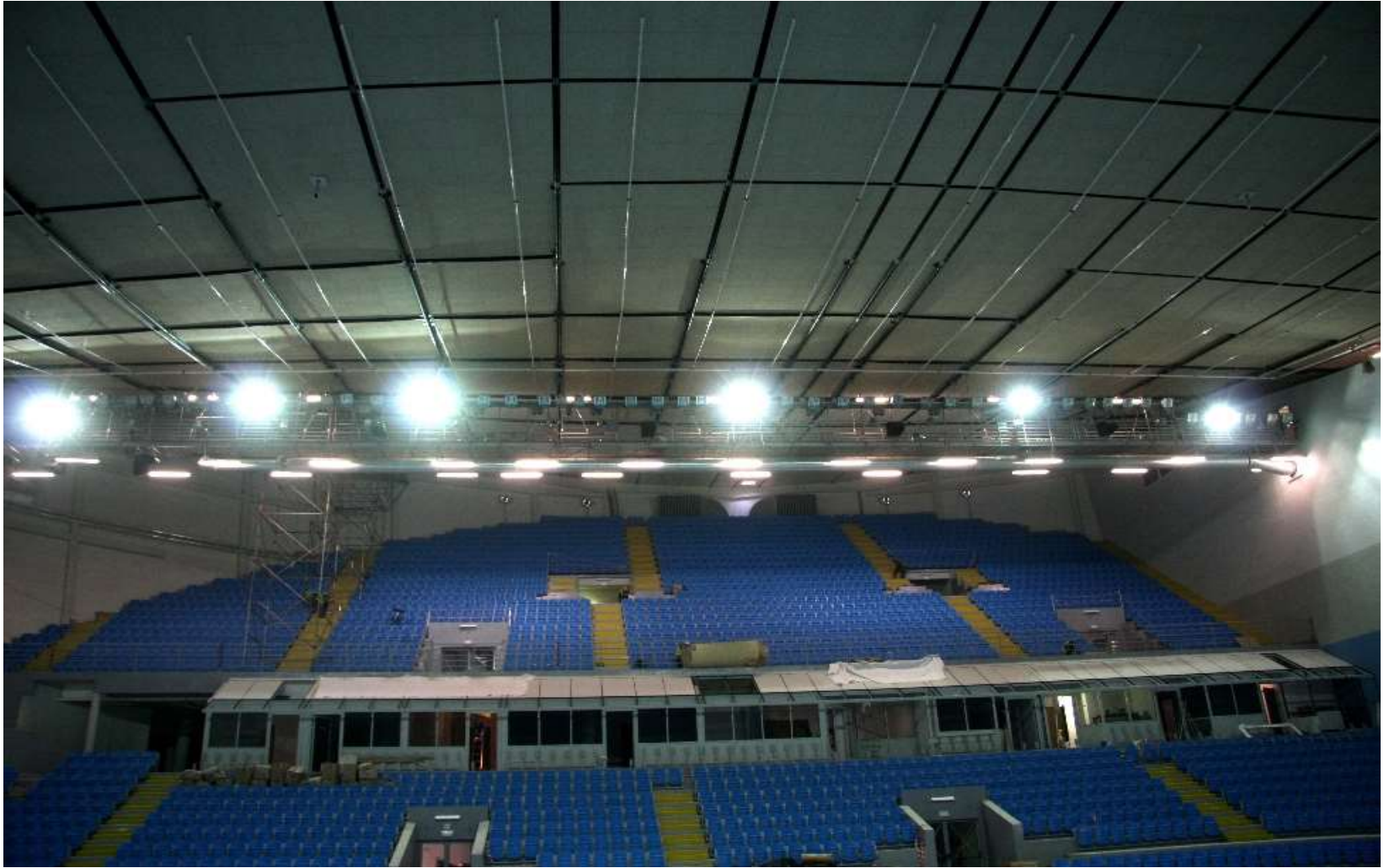
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