





SUSTAINABLE ALUMINIUM:



Alloy*			Main alloy elements (%)			Alloy minor elements (%)			Surface finishing		Mechanical properties	CO ₂ Footprint to CO _{2e} /to Alu	Application
			Mg	Si	Cu	Fe	Mn	Zn	Anodisation	Powder-coating			
EN AW-6060	Markt	6060.22	0,35-0,6	0,3-0,6	max. 0,02	0,1-0,22	0,04-0,06	max. 0,03	++++	++++	+++	5 to 10	Building sector/construction Systems & machine engineering Electrical industry 
	HAI Standard	6060.22	0,35-0,6	0,3-0,6	max. 0,02	0,1-0,22	0,04-0,06	max. 0,03	++++	++++	+++	6 to 8	
	HAI SustainAI 4.0	6060.22	0,35-0,6	0,3-0,6	max. 0,02	0,1-0,22	0,04-0,06	max. 0,03	++++	++++	+++	4	
	HAI SustainAI 2.0	6060.RQ	0,35-0,6	0,3-0,6	max. 0,05	max. 0,25	0,04-0,06	max. 0,05	+++	++++	+++	2	
EN AW-6063	Markt	6063.25	0,45-0,9	0,2-0,6	max. 0,03	max. 0,23	0,04-0,06	max. 0,03	++++	++++	+++	5 to 10	Building sector/construction Systems & machine engineering Electrical industry 
	HAI Standard	6063.25	0,45-0,9	0,2-0,6	max. 0,03	max. 0,23	0,04-0,06	max. 0,03	++++	++++	+++	6 to 8	
	HAI SustainAI 4.0	6063.25	0,45-0,9	0,2-0,6	max. 0,03	max. 0,23	0,04-0,06	max. 0,03	++++	++++	+++	4	
	HAI SustainAI 2.0	6063.RQ	0,45-0,9	0,2-0,6	max. 0,04	max. 0,27	0,06-0,10	max. 0,05	+++	++++	+++	2	
EN AW-6005 / 6005A	Markt	6105.27	0,4-0,7	0,5-0,9	max. 0,3	max. 0,35	max. 0,5	max. 0,20	+++	+++	++++	5 to 10	E Mobility, passenger cars Commercial vehicle Railway 
	HAI Standard	6105.27	0,4-0,7	0,5-0,9	max. 0,3	max. 0,35	max. 0,5	max. 0,20	+++	+++	++++	6 to 8	
	HAI SustainAI 4.0	6105.27	0,4-0,7	0,5-0,9	max. 0,3	max. 0,35	max. 0,5	max. 0,20	+++	+++	++++	4	
	HAI SustainAI 2.0	6105.27	0,4-0,7	0,5-0,9	max. 0,3	max. 0,35	max. 0,5	max. 0,20	+++	+++	++++	2	
EN AW-6082	Markt	6082	0,6-1,2	0,7-1,3	max. 0,10	max. 0,50	max. 1,0	max. 0,20	++	++	++++	5 to 10	E Mobility, passenger cars Commercial vehicle Railway, Marine 
	HAI Standard	6082	0,6-1,2	0,7-1,3	max. 0,10	max. 0,50	max. 1,0	max. 0,20	++	++	++++	6 to 8	
	HAI SustainAI 4.0	6082	0,6-1,2	0,7-1,3	max. 0,10	max. 0,50	max. 1,0	max. 0,20	++	++	++++	4	
	HAI SustainAI 2.0	6082	0,6-1,2	0,7-1,3	max. 0,10	max. 0,50	max. 1,0	max. 0,20	++	++	++++	2	

* other alloy compositions on request

SustainAI – BUILDING A SUSTAINABLE FUTURE TOGETHER

- Perfect sustainable material option
- High recycling rate, up to 80 %
- Significantly lower carbon footprint
- Excellent quality

HAI is a family company with a long history in the aluminium industry. Sustainability has always been one of our core values. The biggest challenge of our time is climate change and by recycling we are not only lowering the carbon footprint of the material but also contributing to the reduction of the energy consumption and greenhouse gas emissions.

Together we can make a change.

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