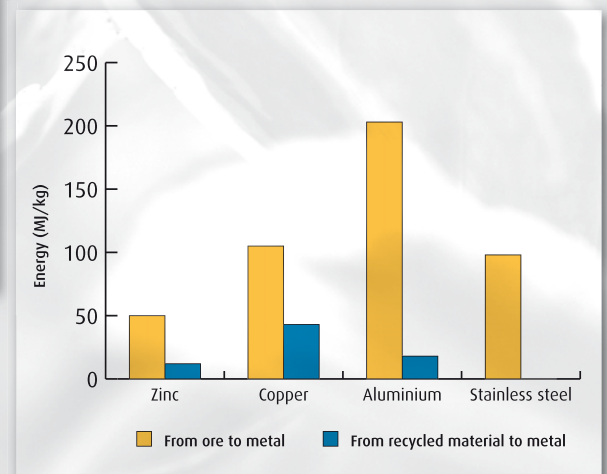
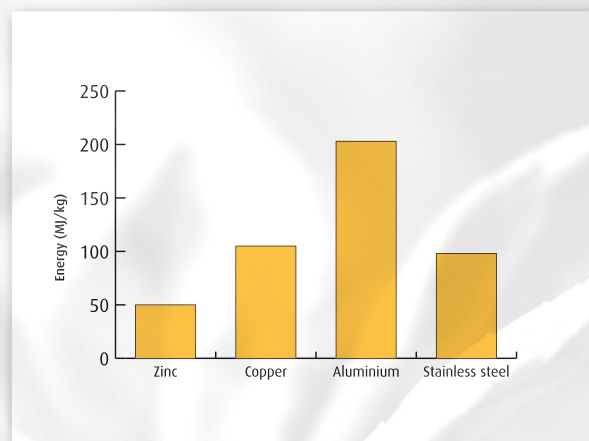


# USE OF ENERGY FOR ZINC AND ROLLED ZINC

Use of energy in the production of zinc from ores is low compared to other non-ferrous metals used in building applications and specially to aluminium: the energy required to produce zinc from ore is  $\frac{1}{4}$  that of aluminium and  $\frac{1}{2}$  that of copper and steel.

Moreover, the use of energy is significantly decreased in zinc production when recycled material is used instead of zinc ores: between 0.49% and 19.7% <sup>(1)</sup> of the amount of energy used to produce zinc from ore.



**In conclusion: use of energy in the production of rolled zinc compares favourably with other metals used in building applications.**

<sup>(1)</sup> European study on the Ecoprofile of primary Zinc Production by Dr I Boustead and Dr WT Dove For the International Zinc Association, 1998

<sup>(2)</sup> The recycling of Non Ferrous Metals by Michael E.Henstock. A Publication by the International Council of Metals and the Environment, May 1996

<sup>(3)</sup> UM Data



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