

MADRID - SPAIN



COLEGIO DE FOMENTO
LAS TABLAS VALVERDE



1º ESO

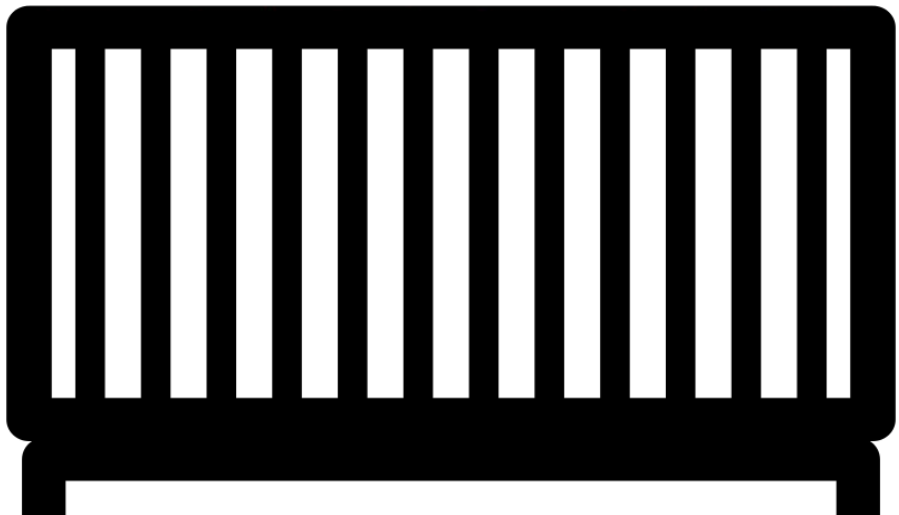
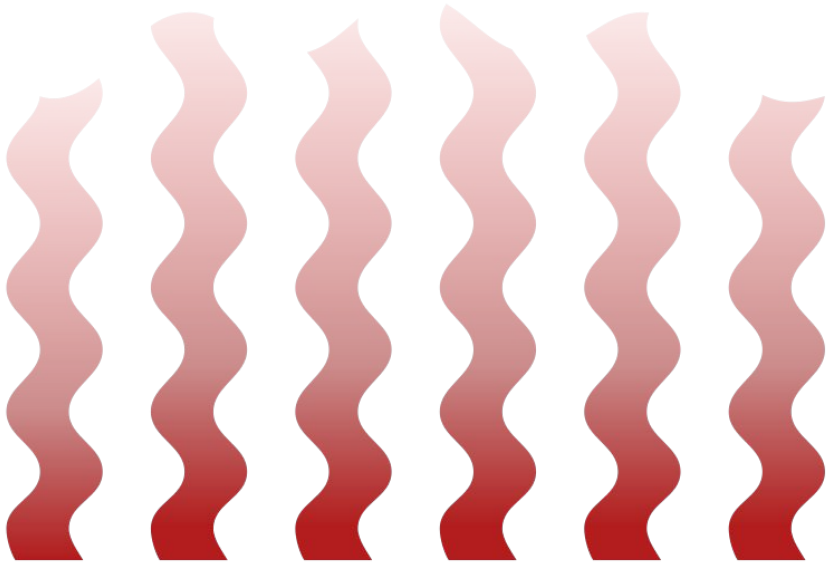
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BUILDING COATING

How to save money, energy and reduce CO2 emissions

Problem: building heating system.

A common problem among buildings, especially school buildings where the heat exchange with the ground is consistent, is the lack of a proper coating. When it's cold, we normally turn on the heating system; this consumes a lot of energy and costs a lot of money. With a proper coating system we can reduce consumption and emissions.



Solution

The coating allows the building to always keep the same temperature and you don't have to use radiators or air-conditioning.

This product reduces pollution by diminishing the use of the heating system.

Moreover, this product protects the structure of the construction and protects you from the cold.

The energy you save can be invested on other things; this way you can save money, energy and therefore you protect the environment.



Threats and weaknesses

Some drawbacks might be:

- Materials may be very expensive so people may complain about the increase in cost.
- The building will take more time to be built if you add the insulating foam; moreover, if this product is installed incorrectly it can be harmful.

ADVANTAGE



LOADING...

CONCLUSION

Even though the initial cost might be a drawback, surely the long term benefits will compensate for it; these are:

- Very low maintenance
- Improved building performance
- Improved indoor comfort
- Extended life of the surface
- Reduced peak power demand
- Improved energy efficiency