



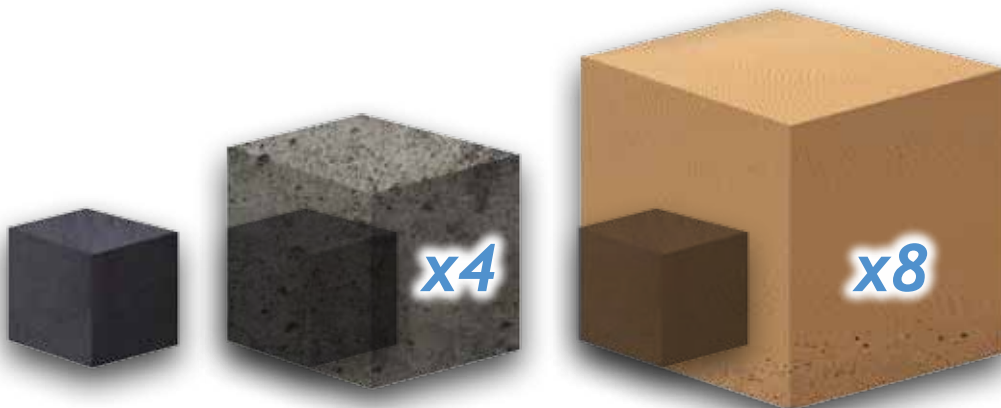
Cast Iron, *The best solution for your MRE projects*

FMGC ballast solutions are made of high-quality materials, such as recycled steel and cast iron from France and the rest of Europe.

Cast iron ballast minimizes the cost of your MRE projects:

- Through the hydrodynamic approach and the high-density of the material
- Through the right dimensioning, eliminating any oversize
- By optimizing time cycle and dock and offshore operations
- By optimizing ships and storage spaces

	Cast iron	Reinforced Concrete	Sand
Density	7,15-1,03 = 6,12	2,5-1,03 = 1,47	1,8-1,03 = 0,77
Weight/m ³	6,12 t	1,47 t	0,77 t
Volume/10 t	1,64 m ³	6,8 m ³	13 m ³



For more details on the benefits of FMGC cast iron ballast solutions, please consult our flyers!

Cast Iron Ballast in Marine Environment

Cast iron offers many undoubted advantages for gravity-based structures, but what about corrosion and erosion?

Our research on cast iron corrosion, conducted by IN VIVO ENVIRONMENT, points out the following :

- «FGS and FGL cast iron behave in a similar way when corrosion occurs in marine environment.»
- «Cast Iron corrosion is harmless for marine environment due to the low quantities of waste leached.»
- «The corrosion rate of cast iron is relatively low, around 0.25 millimeter per year.»



Download the summary of the study



FMGC

Expert in ballast solutions



Cast iron ballast can easily adapt to any MRE solution

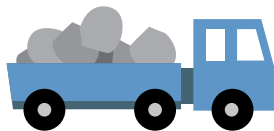
- Casting enables the customized manufacturing of complex parts.
- The good machinability facilitates the integration of mechanical elements.
- The high resistance enables the production of assemblies of several hundred tons.
- All necessary elements for handling or fastening are integrated in the ballast.

We provide custom solutions.
Submit your request:



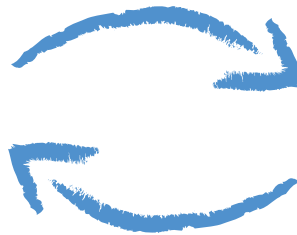
The cast iron ballast is fully recoverable and recyclable once the project is finished

- Through the asset records in your balance sheet.
- As it is totally managed by a performing recycling field.
- Because of its redemption price.



Raw Materials

- An established European supply chain for high-quality raw materials (cast iron, recycled steel and scraps)
- Quality Control (technical specifications, radioactivity test)



Recycling

- Fully recyclable
- Easily recoverable
- Operational Management Field

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