

NORTHERN TYRE

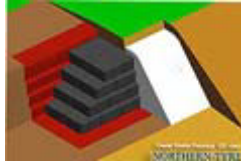
Northern Tyre Recycling (UK) Limited

If its safe enough to drive on - Its safe enough to drive over

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H.R. Wallingford and Transport Research Laboratory Visit the Highlands

In July NTR hosted a combined visit from coastal erosion specialists HR Wallingford and the Transport Research Laboratories from Edinburgh. Jonathan Simms, Mike Wallis from HR Wallingford and Mike Winter from TRL had expressed interest in all projects NTR has undertaken, and were taken to various locations where the blocks have been used successfully. In the case of HR Wallingford their main interest was riverbank erosion projects already completed, TRL were interested in land bank stabilisation and road construction projects.



Both parties are in the process of producing research documents to support the use of tyre blocks as a major alternative to aggregate in a variety of construction projects. Both HR Wallingford's and TRL have witnessed first hand the successful use of blocks both in water erosion and road construction projects. These documents should create an immense amount of interest among civil engineers, designers and contractors seeking cost effective, workable solutions.

Recycling Stations – A National Solution

There are approximately fifty two million used tyres created each year in the UK alone. There is also a major problem in their disposal as they are no longer acceptable at landfill sites, and tipping has become more numerous in recent months. We at Northern Tyre feel we have the solution to this problem by the creation a recycling station in each region of the country where the tyres can be bailed on site, taken and used on various projects i.e. as a flood control barrier or possible use in a coastal erosion or road project.

Tyre disposal is not only a UK or European problem; we have recently received enquiries from representatives as far away as Canada and China into how we can help them recycle their used tyres. As a result NTR shall be providing a consultation service to businesses, councils and other national bodies who are interested in recycling and finding an alternate constructive use for tyres.

River Enrick project at Glenurquhart

Forest Enterprise decided to rebuild part of the river Enrick at Glenurquhart using URRO BLOCKS stabilised with wood piling. The river Enrick has had a massive flood problem since 1989 and this has resulted in severe damage to farmland and forestry. In place of using traditional stop bank barriers and other 'hard engineering' methods for controlling and channelling the floodwater, the project proposed to use a more natural means for taking the sting out of this problem.



The combination of logs and URRO BLOCKS serve to allow the natural flow of water around the blocks thus removing the energy from the water locally, not pushing the problem further down stream. The top photo shows the bank built up with blocks and wood piles, the lower photo shows the finished bank covered with seeded soil, providing a natural finish.

World Mountain Bike Championships Fort William

Northern Tyre Recycling recently supplied 125 URRO BLOCKS to the World Mountain Bike championships at Fort William. The blocks were used to form the start ramp for the downhill section of the championship. The course designer Phil Saxena had been looking for a solution to build a ramp cheaply and quickly and was pointed in the direction of our website by Forest Enterprise. The URRO BLOCKS were dispatched and fitted within a matter of 2 days and after compaction of the aggregate running surface the ramp was fully operational on the 3rd day much to the designers delight. The ease with which the blocks were placed led to the track being finished well ahead of schedule. The World Championship races were held on the 5 / 6th of June and were a great success so much so the venue has been included in the race calendar for the coming years.



This novel use of the blocks also sparked immediate interest in constructing local mountain bike and quad tracks which we hope to report on in future issues.

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