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SBR Rubber Crumb

1.5-3.5mm

€ 80 / tn

Ex works Patras

**Tyres Herco
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Germany
Malta
Bulgaria
Lebanon
Palestine
Canada
Egypt



this issue

Tyres Herco Introduction **P.1**

Significance of tyre recycling **P.2**

ROADTIRE: Rubber in asphalt **P.3**

Innovation: Tyre Pyrolysis **P.4**

TYRES HERCO INTRODUCTION

Meet Tyres Herco SA, a company that helps solve one of the world's most pressing environmental challenges, namely to safely and productively recycle some of the one billion waste tyres produced in the world each and every year.

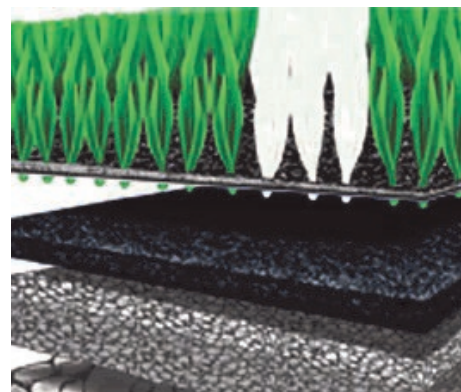
Tyres Herco's state of the art factory is one of the most recently built and modern facilities in Europe. Located in the Industrial area of Patras, it has easy access to good road transport and two of the country's largest Ports.

Nearly all manufactured product is shipped by sea in containers. The facility houses a laboratory and an experienced technical team committed to helping customers formulate custom products suitable for their needs.

Tyres Herco is part of Ecoelastika network set up in Greece which is responsible for the proper treatment of used tyres, according to EU regulation. This network was established by the vast majority of tyre importers in Greece in 2004.

The network has been established in order to be responsible for the recycling for used tyres from the moment they become useless for vehicles until the moment they end up at the recycling factories or as an alternative energy source. From 2006 in Greece, dumping used tyres in wastelands is forbidden in countries. Today, ETRA has ±250 members in 47 countries including the 25 EU Member States.

Tyres Herco is a member of ETRA (European Tyre Recycling Association), the only European organisation devoted exclusively to tyre and rubber recycling. Founded on 23 September 1994 with 19 members in 5 countries. Today, ETRA has ±250 members in 47 countries including the 25 EU Member States.



How to make a tyre plant pot

Take an old tyre that is still mounted to the rim.

Make zig-zag or scalloped cuts approximately eight to twelve inches from the rim on one side of the tyre, depending on the size of the tyre.

Turn the tyre inside-out.

Once you've turned it inside-out, you should wind up with one very large section (which becomes the plant holder part of the planter) and one very small tire section (which becomes the base of the planter).

At this point, if desired, designs can be painted on the outside of the large part of the planter.

Put some dirt or fertilizer inside the large section of the tyre.

Plant your little plants or flower plants in it.

Enjoy



Significance of Tyre Recycling

With over a million cars on the road each day, the use and value of tyre recycling is very undeniable. Tyres are created of a chemically enhanced rubber which is quite sturdy as properly as poisonous. The use of these tyres concurrently will increase its wastage.

Tires are discarded each in which and this tends to increase pollution and in the end illnesses. Discarded tires are also burnt which releases massive quantities of toxic gases into the surroundings which is very dangerous to humans. It is quite tough to extinguish the fire used to burn tires as it can burn up for a long time jointly. This can adversely impact the setting by polluting soil, h₂o and air and the only solution to this alarming predicament is tyre recycling.

Strengths of Tyre Recycling

There are several rewards of recycling tyres and some of them are as follows:

Saves room: by recycling tyres, massive sum of space can be saved wherever the utilised tyres are discarded. It substantially saves spaces stuffed in the junkyards.

Prevents spread of diseases: tyres are known to be breeding grounds of mosquitoes which tend to spread a quantity of harmful and fatal diseases. Tyre recycling helps to avoid



grounds of mosquitoes which tend to spread a quantity of harmful and fatal diseases. Tyre recycling helps to avoid the unfold of these kinds of ailments.

Reduces energy consumption: by recycling the old utilised tyres, loads of electricity is saved. Gallons of oil are necessary for production new tires and by recycling outdated tires, consumption of oil are lowered to a wonderful lengthen thus conserving natural sources.

Prevents pollution: tyre recycling aids to minimize the emission of poisonous fuel into the ambiance. The chemical compounds emitted from the burning tyres are harmful to human wellness.

Minimizes land pollution: tyres are are no more time discarded as it can be recycled properly.

New tyres: recycling previous and used tyres lead to the production of new recycled tyres.

Uses of Recycled Tyres

In addition to the previously mentioned talked about positive aspects, tyre recycling has several other positive aspects as these recycled areas of tyres can be utilised for the following:

Tyres can be utilised to make carpet underneath lays, rubber mats, roof pads, stall mats, sandal

sandal bottoms. Parts of tyres can also be utilised as shower tiles, pace bumps, business flooring and as fuel.

Recycled tyres areas can also be utilised as asphalt for athletic tracks and roads. New treads can be put on old tyres and reused once more as new recycled tyres. It can also be utilized in playgrounds and kids parks.

Distinct sorts of tire recycling equipment are offered these days which assists to recycle undesirable and utilised tyres. The 1st recycling devices was launched in

Discarded Tires tend to increase pollution and in the end illnesses.

the yr 1820 and it was referred to as 'Masticator'. It proved to be very valuable in tyre recycling. The tyres ended up s h r e d a n d mashed with each other to sort new components.

Currently there are really a selection of equipments employed for recycling tyres. These equipments aid to extract the steel wires from the tyre, crush the tires, eliminate the fibre from the crushed tires and so forth. The tire recycling gear can be bought on the internet from the suppliers detailed in the on the internet directories

Source: Anamika Swami,
<http://bit.ly/jokpxi>



Source: Phyllis Benson,
eHow Contributor

Tyres Herco SA



ROADTIRE: Integration of end-of-life tires in the life cycle of road construction

PROJECT BACKGROUND

End-of-Life (EOL) tires represent a serious waste disposal and environmental problem, which can cause adverse human health risks, while European legislation has already banned their landfilling. An EOL-tire constitutes a complex engineering product, composed of a number of materials such as synthetic and natural rubber, carbon black, steel, and textiles, as well as various chemical and mineral additives. Some of these materials can be hard to break down, recycle or re-use, while others, such as rubber can be easily removed and reused, recycled or recovered.

Rubber from EOL-tires can be successfully used in road construction, as long as the modified asphalt mixtures meet engineering standards and are cost effective.

At the same time, the large

scale use of EOL-tires, which can either substitute natural aggregates (sand, gravel, etc.) or even modify the asphalt binder itself in bituminous mixtures, contributes to increasing sustainability of road construction and reducing its carbon footprint.

OBJECTIVE

The ROADTIRE project, co-funded by LIFE+, aims to demonstrate an innovative use for recycled rubber from EOL-tires in road construction. This will ultimately foster and facilitate a new and wider market for EOL-tires in construction applications, an achievement which will also help reducing the amount of collected EOL-tires being stockpiled or sent for uses with a higher carbon footprint.

MAIN TARGETS

The ROADTIRE project aims to promote the use of EOL

tires in road construction and maintenance, in an integrated and consolidated way. It focuses in Greece and Italy, thus adapting mostly on Mediterranean settings. The proposed approach involves the development and construction of a pilot road to prototype and demonstrate innovative related methodologies, in order to raise all current barriers that still hinder the massive valorization of EOL-tires into such engineering applications.

ROADTIRE will develop an integrated methodology to facilitate the integration of EOL-tires into the entire road life cycle.

All the above will lead to:

- Reduced environmental impacts from EOL-tire disposal and temporary storage.

- Improved environmental performance of public works and especially road construction and maintenance.

Source: www.roadtire.eu

FIFA FOOTBALL TURF ARTICLES IN THE MEDIA

FIFA publicises the Quality Concept for Football Turf and its benefits through different media channels. Therefore details of the project are published in the most important and specialised sports and stadium magazines every year. Moreover, FIFA football turf experts are interviewed and frequently asked questions about artificial turf are released. Below you can find the latest articles from the international media.

<http://www.fifa.com>

TYRE LIFECYCLE

1. Product developments and innovations such as improved compounds and camber tire shaping increase tire life, increments of replacement, consumer safety, and reduce tire waste.
2. Proper manufacturing and quality of delivery reduces waste at production.
3. Direct distribution through retailers, reduces inventory time and ensures that the life span and the safety of the products are explained to customers.
4. Consumers' use and maintenance choices like tire rotation affect tire wear and safety of operation.
5. Manufacturers and retailers set policies on return, re-tread, and replacement to reduce the waste generated from tires and assume responsibility for taking the 'tire to its grave' or to its reincarnation.
6. Recycling tires by developing strategies that combust or process waste into new products, creates viable businesses, and fulfilling public policies.

This Month's Q&A Recycling Tips

Q: Doesn't shipping materials overseas for recycling cancel out any carbon savings?

No. It may seem counterintuitive, but the carbon footprint of - for example - shipping waste glass from the UK to Germany to recycle into new glass is actually lower than making new glass from virgin materials in the UK. The transport emissions involved are small compared with the greenhouse gases produced when manufacturing glass from scratch.

The same rule - that transport is responsible for very little of the CO2 emitted when making products - holds true for other materials. A government study in 2008 calculated that sending British plastic and paper waste to China for recycling saves more CO2 than it emits. When you factor in the fact that cargo ships that reach the UK full of consumer goods often return to China carry material for recycling, the carbon savings are even greater.

Adam Vaughan, guardian.co.uk



Product Info: Recycled Textile

Vehicle tyres contain textile in various percentages depending on their type. During the granulation procedure, textile is being separated for the other elements and then sold as an alternative fuel with a 7.200 KCal / Kg heating value.

Featured Stadium SAFA Club Stadium Beirut (Lebanon)

SAFA Club Stadium has been granted a **two star award** for the project of Real FT 60 slide which has been installed using Tyres Herco premium quality SBR Rubber Granules.

Safa Stadium is a multi-use stadium opened in 1948 but it is currently used mostly for football matches. It serves as the home for Safa SC Beirut and has a capacity of 4,000 people.



LICENSING CERTIFICATE

FIFA is pleased to confirm that the **REAL FT 60 slide** has been installed at the **SAFA Club Stadium – Beirut (Lebanon)** for the company **GreenFields B.V.**

From 11 February 2009 to 10 February 2010, this installation has been certified according to the **"FIFA Quality Concept Football Turf – 2 Star"**

Licence No. AZ-00.81

Mr. Joseph S. Blatter
President
Fédération Internationale de Football Association
Zurich, 11 February 2009



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