

**PRODUCT
CATALOGUE**



Where the safety counts the most.

PLAY SAFE RUN SAFE INFILL CRUMB

RETHINK RECYCLING

Sun-Flex[®]
Rubber Flooring

EPDM Rubber Granules

We are Industry leader in producing rubber safety surfacing. **Sunflex Recycling Pvt Ltd** manufacture epdm rubber granules with highest quality of International standards. Sunflex epdm rubber granules are high polymer content.

EPDM rubber granules are the highest quality material made of original rubber compound produce in controlled condition in order to reach predefined properties.

It creates protective surfacing for playgrounds and running tracks. **EPDM rubber granules** by wet pour application is finest method to cover playgrounds and running tracks with safety surfacing.

Globally accepted method to cover playground rubber surfacing with variety of thickness to cover critical fall height protection. This helps children to play safe without any critical injuries. Hygienic and extremely durable for outdoors safety surfacing. Suitable for every sports and leisure applications. **EPDM rubber granules** are available in 19 different standard colours.

Benefits for using EPDM rubber surfacing

- Protective surfacing for playgrounds
- Good elasticity and durable over the periods water preamble but require drainage for playgrounds
- Environment friendly
- Endless pattern and creative design with variety of thickness
- Antiskid resistance
- Wide range of colours available
- Hygienic safety surfacing
- Easy to Install

Sun-Flex[®]
Rubber Flooring

Applications



Playgrounds



Multipurpose sports court



Swimmingpool area



Schools



Fitness Centers





Colours available for epdm rubber granules



Sunflex recycling pvt ltd manufacture epdm rubber granules with 19 different standard colours available.

Customization of colours can also be done in case of larger quantity.



Let your fingers do the
walking through the colours.

Running Tracks

All weather running tracks is a rubberized running surface for track and athletics field. It provides consistent surface for competitors to test their athletic ability unencumbered by adverse weather conditions. Running tracks are constructed indoor or outdoor which is consider as the oldest form of athletic equipment.

Sunflex Recycling Pvt Ltd manufacture high polymer content epdm rubber granules specially for athletic running tracks. Company can supply finest quality of epdm rubber granules which are used during running tracks. Pour polyurethane running tracks helps in superior load tolerance and shock absorbing properties. During manufacturing each batch is tested in laboratory to fulfil quality supply. This helps rubberized tracks to prevent less surface damage penetration, cracks over longer periods.

We use finest quality of International standard pigments that helps rubber granules to fade less over longer period of time. It consists high synthetic polymer stable molecular chain which has good elasticity and colour performance, shock absorption and aging resistance performance. Epdm Rubber Granules are recognised by International standard of the best all weather outdoor running tracks, sports playground running surfaces. We recommend to use International standard polyurethane to mix epdm rubber granules with right percentage to fulfil below benefits.

Benefits for using high quality epdm rubber granules

- Polymer content is 23%
- Raw material use during production are high quality
- Pigments are UV stable
- Avoids surface penetration cracks
- Less Maintenance over long periods
- Environmentally conscious running tracks



Key Factors

High Polymer Content

Material Ready Stock

Quality Pigment

Antiageing

Standard Polymer



Rubber Granules for Infill Football Turf



The first synthetic grass was placed over concrete in 1964 and became known as "Chem Grass". It was later named "Astro Turf" when it was installed in the Houston Astrodome in 1966.

Athletes did not like playing on these fields because it was dangerous and not comfortable for their landings. Compared to only a thin layer of Astro Turf on top of concrete, a new artificial turf was developed in the early 2000s and was called styrene butadiene rubber, most commonly known as "crumb rubber granules."

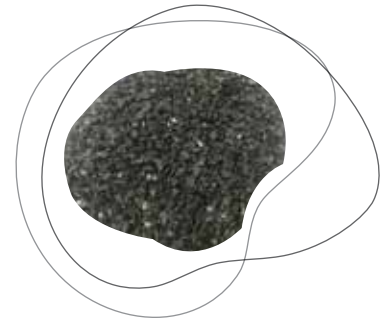
The tire crumbs were poured in between the artificial grass blades, giving the artificial fields more cushion and support. This was a better solution, as it satisfied athletes and aided in the prevention of major injuries.

Available Materials for infill football turf

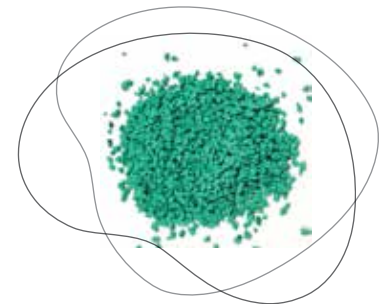
- 1) Crumb Rubber Granules are recycled rubber granules made from used tire recycling. They are economical in Pricing.
- 2) Epdm Rubber Granules are virgin rubber granules made from rubber compounds with high polymer content. They are premium granules resulting pricing costly.

Benefits for using Infill rubber granules

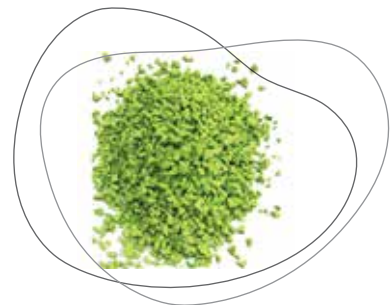
- Resilient materials to hold turf up
- Shock Attenuation stabilize the turf carpet
3 different rubber granules size
- Good elasticity
- Provide safe cushions good resistance to weathering and outdoor aging



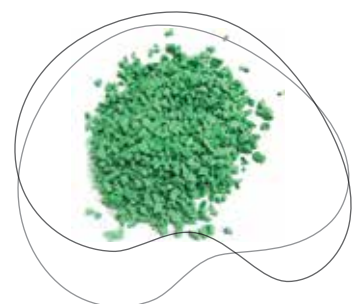
Crumbed Rubber Granules
Size : 2 to 3 mm



EPDM Rubber Granules
Teal : 40



EPDM Rubber Granules
Lime Green : 42



EPDM Rubber Granules
Spring Green : 41



Rubber Mulch

Rubber Mulch is an attractive looking safety surface made from recycle rubber tyre. It can be used as loose fill material or bonded system in many applications. The black rubber is encapsulated in a tough PU polymer coating with a non-toxic colour pigment that gives stunning eco-appearance.

No sub base is required, no edging is required giving cost savings. Uses include path, embankments, erosion control, tree surrounds, recreation areas, buggy runs and weed control in landscape planting areas.

We can use the rubber mulch in 2 ways

- 1) bonded rubber mulch with Pu coating
- 2) Loose Rubber Mulch for landscaping and weed control

Rubber mulch are available in 6 different attractive colours We manufacture our loose rubber mulch from 100% recycled tyre rubber, using an environmentally sustainable process.



Sun-Flex[®]
Rubber Flooring

Key Factors

Easy to install

Clean & nontoxic

Weather Proof

Highly Durable

Poros - Drainilly

Insect Free

Attractive Colour

Project Pictures

Sun-Flex[®]
Rubber Flooring

"Some days are simply meant for Playing"

Total Thickness 26mm
Epdm rubber granules
color code: Terracotta Red 0



"Play gives children a chance to practice what they are Learning"

"Time spent with children is never wasted"
Total Thickness 26mm
Epdm rubber granules color code: Orange 60,
yellow 20, Dark blue 30, Red 1, spring green 41,
chocolate 80

"No one is a born sprinter, Everyone needs baby step first"

Total Thickness 26mm
Epdm rubber granules code: Terracotta Red 0



Our New Products



Rubber Stepper



Rubber Blocks



Rubber Nuggets

End Use Applications of Our Products :

- School Play Grounds
- Community Perks and REcreational Areas
- Children Play Areas In Homes & Gardens
- Sporting Facilities & Shooting Area
- Fitness Centers & Health Clubs
- Race Track and Equestrian Flooring
- Jogging Tracks and Walkways
- Sidewalk Near Sweeming Pool Area
- Hospitals, Hotels and Ports
- Nursing Homes and Old Age Homes
- Driveway and Garage
- Balcony, Terrace, Courtyard & Deck

Salient Benifits of Our Products

- Suitable for Interiors & Maintenance Free
- Antiskid - Non - Slip Surface
- Impact Absorbing
- Water Permeable
- Resistant To Abrassion
- Prevent Fatigue
- Sound Absorbent




Sun-Flex[®]
Rubber Flooring

Manufacture by
Sunflex Recycling Pvt. Ltd.

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