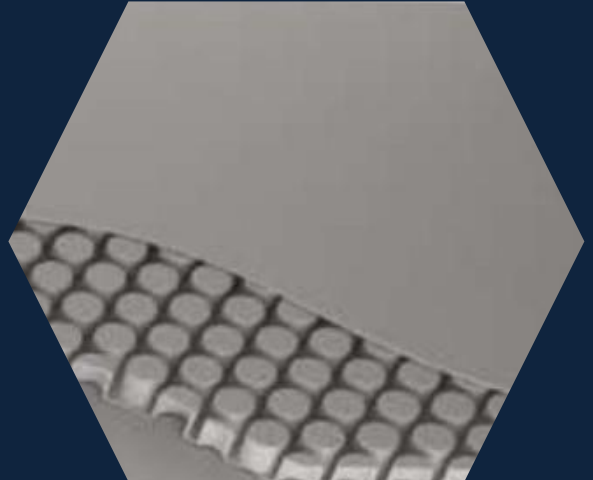


Bloom Bubble Sheet



Cardboard Bubble Heavy-duty

Bloom/Cardboard Bubble Sheets

Stronger and Lifelong Revolutionary



Introducing a perfect product to fulfil all your different needs...

Light Weight
Sturdy
Elegant
Pre-finished
Durable
Long Lasting

Ideal for Offices, Warehouses, Stores,
Industrial sheds, Textile Industries,
Chemical Industries, Pharma
Companies, Hospitals, Hotels, Docks, Ports
& Commercial Complexes.

. INHERENT ADVANTAGES .

Light Weight Yet Strong & Durable

- ☐ High strength to weight ratio.
- ☐ More Durable.
- ☐ Non Crumbling, Crack proof & minimal wear & tear.
- ☐ High tensile strength.
- ☐ Retains Stiffness & Flex.

Moisture & Water Proof

- ☐ 100% water proof.
- ☐ Maintains damp-proof hygienic atmosphere inside the premises.
- ☐ Also Non-Toxic.

Termite, Insect & Bacteria Proof

- ☐ Totally impervious to any insect or termite attack.
- ☐ No possibility of bacterial growth.
- ☐ Hence, suitability for pharmaceutical and food industries also.

User Friendly

- ☐ Pre-finished. No painting required.
- ☐ Modular in nature, fast to erect, dismantle and alter.
- ☐ Easy to replace tiles in case of damage.
- ☐ Easy to clean.
- ☐ Can be cut to required dimensions.
- ☐ Non-Staining.

Eco-friendly

- ☐ Recyclable.
- ☐ Made from Environmentally safe material.

High Aesthetic Appeal

- ☐ Elegant look.
- ☐ A range of colors & printed designs & finishes can be supplied.

Fire Retardant

- ☐ Normally available as per V2 standard.
- ☐ Can be provided up to VO standard.
- ☐ Cello Bubble Guard Ceiling System is most suitable for seismic & cyclone prone zones.

Excellent Thermal Insulation

- ☐ Additional insulation can be provided by PE/EPS on top.

. TECHNICAL DATA .

- ❑ Made from Polypropylene material possess all the advantages of polypropylene.
- ❑ Manufactured by sheet extrusion technique and fabricated by heat lamination.
- ❑ Being a fabricated product its physical and mechanical properties can be customized to meet the market needs.

Typical Properties of polypropylene are given below:

Particulars	Typical Values	Test Standard
Specific Gravity	0.9 to 9.1	
Tensile Strength (ib/inch ²)	4000 to 5200	BS2782
Elongation at break (%)	400 to 900	BS2782
Notch Izod Impact Strength (ft.ib/inch)	2.5 to 4.0	BS2782
Shore Hardness 0	71 to 75	ASTM.D.148-57
Vicat Softening point (°C)	150	BS2782
Dielectric Constant (106 c/s)	2.0 to 2.15	ASTM. 0.150-54
Water absorption, 24 hrs, 1/8" thick (%)	0.01-0.03	0570
Hardness, Rockwell R	80-110	0785
Thermal conductivity	2.8	C177

Sr. No.	Property	Value
1.	Humidity Resistance	99%RH
2.	Material Fire Performance	V2 (also perform VO) rating
3.	Light Reflectance	80%
4.	Material	Polypropylene

FLOOR GUARD SOLUTION PRIVATE LIMITED

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. KEY POINTS .

Assembly	Advantage	Value	Performance
Gives easy and uniform coverage compared with POP, which takes 5 long hours to make the floor ready. Any unskilled labour can use it.	No on-site equipment is required for the use. thus giving a clean working environment that boosts performance.	Big time saver for assembly and dismantling processes. Recyclability, gives the value for money. against the one time use of POP, which also attracts debris removal costs with zero salvage value.	Expensive surface materials like flooring, wall cladding etc. are well guarded against damages. It allows portable scaffolding, so that tools and equipment can be freely moved around.

. COMPARISON OF BUBBLE GUARD AND POP AS A FLOOR PROTECTOR .

Description	Bubble Guard	POP
Cost	Economical	Costly
Structure	Sheet Form	Powder Form
Application Time	Fast	Lengthy
Application Method	Dry & Clean	Wet & Dirty
Readiness of surface after application	Immediate & ready to use	Minimum 5 hours
Protection after application	Complete floor protection	Limited floor protection
Durability	Long	Short One time application
Extra Protection	Nothing required	Plastic / Newspaper required
Skill	Do application yourself	Only POP worker can do application
Joints	Tape on joints is required	Require nothing
Maintenance	One time application for floor Protection	Repeated application required for full coverage of floor
Atmosphere	Clean working atmosphere	Always gives dusty atmosphere
Usages	Multiple time use	One time use
Removal	Do it yourself	Water & Labour required for Removal
Salvage Value	Return value after multiple use	Nil, plus expense for removal
Debris	No debris	Extra cost for removal of debris
Water Resistance	Water proof	No
Handling	Easy to carry / remove	Labour required
Identity	Printing of logo possible	Nil

. MATERIAL DESCRIPTION .

Co extruded polypropylene sheet with a central honeycomb bubble structure layer.

Product	Thickness	Weight (Gr/Sq.mtr.)	Colour
BubbleGUARD	2mm – 12 mm	125 GSM – 3500 GSM	White/Grey

. APPLICATION .

- ☐ Floor Protection
 ☐ Screwing
 ☐ Stapling
 ☐ Folding
 ☐ Heat Welding
 ☐ Riveting
 ☐ Cutting
 ☐ Nailing

. ADVANTAGES OF CHOOSING BLOOM BUBBLE SHEET .

Advantages of choosing Floor guard are several, but the major ones are discussed here.

Floor guard is cost effective: The total cost of laying Floor guard is much less when it comes to protect your expensive flooring. It is one step professional solution to guard your tiles.

Floor guard is durable: Durability of the Floor guard is much higher due to its multiple layering. It is resistant to wear, tear and breakage.

Floor guard is abrasion resistant: Floor guard does not suffer abrasions due to its high density polymer sack material and is more resistant to it. It also remains protected by U.V. rays.

Floor guard is Notch Impact resistant: Floor guard is made highly notch impact resistant.

Floor guard is water and attrition resistant: High resistivity of Floor guard from water and attrition increases it durability.

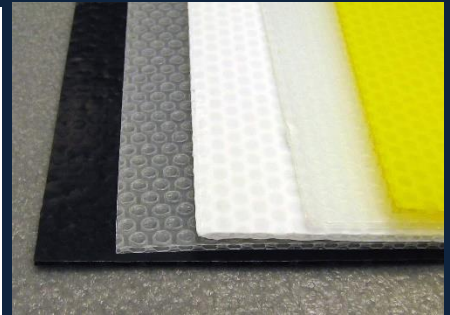
Floor guard installation is very easy: Floor guard can be laid down very easily and the installation process is uncomplicated, which can be completed in few steps. It has a simple Self lay down technique.

Floor guard is reusable: Floor guard has a high salvage value, making it reusable, thus cutting costs and charges on new installations.

Floor guard is recyclable: Floor guard is made up of eco friendly, recyclable product, which prevents it from becoming an environmental hazard.

Along with the above mentioned advantages they are long lasting, easily transportable, light weight and environment friendly

Sr. No.	Particulars	GSM	Each BDL contains
1.	Bloom Bubble Sheet – 3mm(T) Size: 1.220mtr(W)*1.828mtr(L)*3mm(T) i.e., 24 Sq.ft./Sheet; HSN Code: 39211900	125 GSM	75 Sheets Per BDL
2.	Bloom Bubble Roll – 3mm(T) Size: 1.220mtr(W)*50mtr(L)*3mm(T) i.e., 61 Sq.mtr./Roll; HSN Code: 39211900	125 GSM	3 Rolls Per BDL
3.	Bloom Bubble Sheet – 3mm(T) Size: 1.220mtr(W)*1.828mtr(L)*3mm(T) i.e., 24 Sq.ft./Sheet; HSN Code: 39211900	175 GSM	75 Sheets Per BDL
4.	Bloom Bubble Roll – 3mm(T) Size: 1.220mtr(W)*50mtr(L)*3mm(T) i.e., 61 Sq.mtr./Roll; HSN Code: 39211900	175 GSM	3 Rolls Per BDL
5.	Bloom Bubble Sheet – 3mm(T) Size: 1.220mtr(W)*1.828mtr(L)*3mm(T) i.e., 24 Sq.ft./Sheet; HSN Code: 39211900	250 GSM	50 Sheets Per BDL
6.	Bloom Bubble Sheet – 3.50mm(T) Size: 1.220mtr(W)*1.828mtr(L)*3.50mm(T) i.e., 24 Sq.ft./Sheet; HSN Code: 39211900	350 GSM	50 Sheets Per BDL



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