

13 Connect & Lock Jewels

Connect & Lock Jewels is a eco-friendly, high quality, durable, chemical resistance glitter powder based on Polyester Resin to use along with Connect & Lock Crystal & Epoxy Grout. The mix product produce very high shining grout surface in Gold, Silver & Copper shade. Suitable for internal.

Shape of Glitter	Hexagonal
Nature	Dry colour glitter powder
Size of Glitter particle	0.25 mm
Resistance to chemical	Very good
Coverage	As per kind of Epoxy Grout mixed with
Mixing Ratio	Approx. 1% or more by weight for C&L Crystal Grout Approx. 3% or more by weight for C&L Epoxy Grout



- COLORS
- GOLD
 - SILVER
 - COPPER

14 Lite Block

Walnut Lite Block adhesive is an Eco friendly, light weight, polymer modified, mineral based ready to use material in powder form used for fixing of all kind of AAC (Autoclaved Aerated Concrete) blocks, concrete blocks and other absorbent bricks. Suitable for internal & external.

In compliance with European Norms EN)	Final strength as per European Norms 12004
Tensile adhesion	≥ 1 N / mm ²
Adhesion after heat cycle	≥ 0.5 N / mm ²
Coverage	Approx. 140 sft. / 40 kg. bag using 2-3 mm. of thick
Adhesive thickness	2 to 6 mm



- COLORS
- GREY



- Recycled raw material used.
- VOC (Very low Organic Compounds).
- 100% suitable to recycle after expiry.
- Suitable for all kind of green and normal buildings.

Walnut products in compliance with green building rating and credit point can be earned

TOOLS FOR APPLICATION



Spacers for tiles & stone joints
[2mm, 3mm, 4mm, 5mm, 8mm & 10mm]

15 Lite Tile

Walnut Lite Tile adhesive is an Eco friendly, light weight, polymer modified, mineral based ready to use powder material used for fixing lite size absorbent ceramic tiles in internal area for renovation as well as fresh work. Lite Tile adhesive is designed for doing small work with speed and ease. Suitable for internal only.

In compliance with IS Standard (Type 1)	Final strength as per 15477-2019 standard
Tensile Adhesion (Dry condition)	≥ 0.5 N/mm ²
Sheer Adhesion (Dry Condition)	≥ 1 N/mm ²
Coverage	approx. 60 sft. / 20 kg. bag using 3 mm. thick
Adhesive thickness	3 to 6 mm



- COLORS
- GREY

16 Lite Floor

Walnut Lite Floor slurry adhesive is an Eco friendly, high strength, high polymer modified, light weight, mineral based ready to use powder material used on fresh bedding floor for fixing of all kind Ceramic & Vitrified Tiles and Indian stone, which are not sensitive to moisture. Suitable for internal & external.

In compliance with European Norms	Final strength as per European Norms 12004
Tensile adhesion	≥ 1 N / mm ²
Coverage	Approx. 80 sft./ 20 kg. bag using 2 mm. slurry
Slurry thickness	2 to 6 mm



- COLORS
- GREY
 - WHITE

For detail technical standard & data please refer individual product TDS.

We ensure **Quality, Safety and Long Shelf Life** of our products:



Corporate Address

IJMIMA, 806, Off Link Road, Behind Goregaon Sports Club, Malad West, Mumbai – 400064

+91 22 49713322 | +91 9967007783
info@wallnut.co.in | www.wallnut.co.in

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Wide range of
Tiles & Stone
Fixing Solutions



1 Zeorich Base

Zeorich Base floor screed is Eco-friendly, light weight, non-water curing, quick drying, high strength, shrinkage-less, mineral based binder in powder form made from natural material to create stable base of screed before fixing of any kind of tiles, stone or other coverings such as carpet, wooden flooring, coatings etc. Suitable for internal & external.

In compliance with European Norms (EN)	
Ratio : Zeorich Base : Zeorich Basalt	Compressive Strength (European Norms 13892)
1:3 by weight	≥35 N / mm2
1:4 by weight	≥28 N / mm2
1:6 by weight	≥22 N / mm2
1:8 by weight	≥15 N / mm2
Coverage	Approx. 40 sft. / 20 kg. bag for 25mm.thickness. (1:4 ratio)
Screed Thickness	25 to 80 mm.+



2 Zeorich Base HD

Zeorich Base HD concrete floor hardener is a eco-friendly, high strength, shrinkage less, non-metallic, mineral base material in powder form used for industrial & commercial floors to create heavy duty floor surface which is resistance to high abrasion, impact, hardness and also improve the compressive strength of final surface. Floors made with Zeorich Base HD are monolithic in nature once they are fully cured. Suitable for internal & external.

In compliance with ASTM & IS Standard	
Compressive strength @ 28th day	> 40 Mpa. (ASTM C 109)
Flexural strength	> 6.5 N / mm2 (ASTM C 580)
Abrasion resistance	< 1.5 mm. loss of surface (IS 1237(Annex G)
Water absorption	< 10 % (IS 1237)
Coverage's in total two coats:	2 to 3 kg. / M2 for light duty floors. 4 to 5 kg. / M2 for medium duty floors. 6 to 7 kg. / M2 for heavy duty floors.



3 Zeorich Basalt

Zeorich Basalt sand is an Eco-friendly, natural, pure, recycled material in powder form, made from natural process by crushing best quality of basalt stone used in buildings as aggregates. Walnut selects the desire size of fine particle mix from 0-6 mm. for best results. Zeorich Basalt sand must be mixed with Zeorich Base binder to create stable screed before fixing of any tiles, stone or other covering such as carpet, wooden flooring, coating etc.

In compliance with IS Standard	
Particle size	Under 0 to 6 mm
Bulk density	> 1500 kg. / M3
Silt content	As per IS standard.
Coverage	Approx. 1.75 to 2 Kg. / sft. for 10mm. of screed thickness.



4 Calcibond Smart

Calcibond Smart adhesive is an Eco friendly, polymer modified, light weight, based on high quality mineral, ready to use powder material used for fixing of all kind of absorbent ceramic, porcelain, glazed tiles & ceramic mosaic. Suitable for internal & external.

In compliance with European Norms (EN C1 E)	
	Final strength as per European Norms 12004
Tensile adhesion	≥ 1 N / mm2
Adhesion after heat cycle	≥ 0.5 N / mm2
Adhesion after water immersion	≥ 0.5 KN / mm2
Adhesion after freeze / thaw cycle	≥ 0.5 KN / mm2
Coverage	Approx. 60 sft. / 20 kg. bag using 3 mm. thick.
Adhesive thickness	3 to 10 mm.



5 Calcibond Secure

Calcibond Secure adhesive is an Eco friendly, high polymer modified, light weight, based on high quality mineral, ready to use powder material used for fixing of all kind of Ceramic & Vitrified tiles and stable natural stone. Suitable for internal & external.

In compliance with European Norms (EN C2 TE)	
	Final strength as per European Norms 12004
Tensile adhesion	≥ 1 N / mm2
Adhesion after heat cycle	≥ 1 N / mm2
Adhesion after water immersion	≥ 1 N / mm2
Adhesion after freeze / thaw cycle	≥ 1 N / mm2
Coverage	Approx. 75 sft. / 20 kg. bag using 2 mm. thick.
Adhesive thickness	2 to 15 mm



6 Calcibond Flex

Calcibond Flex adhesive is an Eco friendly, high polymer modified, flexible, light weight, based on high quality mineral, ready to use powder material used for fixing of all kind of Ceramic & Vitrified tiles, stable marble & glass mosaic in swimming pool. Suitable for internal & external.

In compliance with European Norms (EN C2 TE)	
	Final strength as per European Norms 12004
Tensile adhesion	≥ 2 N / mm2
Adhesion after heat cycle	≥ 1 N / mm2
Adhesion after water immersion	≥ 1 N / mm2
Adhesion after freeze / thaw cycle	≥ 1 N / mm2
Coverage	Approx. 75 sft. / 20 kg. bag using 2 mm. thick.
Adhesive thickness	2 to 15 mm.



7 Calcibond Advance

Calcibond Advance adhesive is a unique Eco-friendly, very high polymer modified, very high flexible & deformable up to 2.5 mm., light weight, based on high quality mineral, ready to use powder material used for fixing all kind of large size Ceramic & Vitrified tiles, stable Natural Stone, Slim tiles slab on facade, heavy duty areas including commercial & industrial uses. Suitable for internal & external.

In compliance with European Norms (EN C2 TE S1)	
	Final strength as per European Norms 12004
Tensile adhesion	upto 3 N / mm2
Adhesion after heat cycle	≥ 1 N / mm2
Adhesion after water immersion	≥ 1 N / mm2
Adhesion after freeze / thaw cycle	≥ 1 N / mm2
Coverage	Approx. 110 sft. / 20 kg. bag using 1.5 mm. thick
Adhesive thickness Transverse deformation	1.5 to 15 mm. upto 2.5mm.



8 Calcibond Ultima

Calcibond Ultima adhesive is a unique Eco-friendly, very high flexible, (elongation upto 30 mm), two-part POLYURETHANE system based on high quality minerals for doing work on flexible surfaces such as metal, wood, dry-wall, external facade and areas under heavy vibration such as airport & metro station including heavy duty Industrial floor. Suitable to fix all type of Ceramic & Vitrified slab, Natural & Agglomerated stone slab & all kind of mosaic made in ceramic, glass, wood & metal. Suitable for internal & external.

In compliance with European Norms (EN R 2T)	
	Final strength as per European Norms 12004
Initial shear adhesion	≥ 4.5 N / mm2
Shear adhesion after water immersion	≥ 4 N / mm2
Shear adhesion after thermal shock	≥ 4 N / mm2
Tensile adhesion @ 7 days	≥ 3 N / mm2
Tensile adhesion after freeze/thaw	≥ 2.75 N / mm2
Transverse deformation Elongation after full strength	≥ 10.5mm ≥ 30 %
Coverage Adhesive thickness	Approx. 7 to 8 sft. / kg. using 1.5 mm. thick. Min 1.5 mm.



9 Connect & Lock Lite Grout

Connect & Lock Lite grout is an Eco-friendly, single component, polymer modified, very fine & smooth, water & abrasion resistance, based on high quality mineral, ready to use powder material used for filling the joints of tiles & stone upto 3mm. Suitable for internal & external.

In compliance with European Norms (EN)	
	Final strength as per European Norms 13888
Compressive strength	≥ 25 N / mm2
Flexural strength	≥ 3.5 N / mm2
Abrasion resistance	≤ 2000 mm3
Filling of joint	Upto 3 mm.
Coverage	Depends on tile size & width of joint.



10 Connect & Lock Stucco Grout

Connect & Lock Stucco grout is an Eco-friendly, single component, polymer modified, high abrasion resistance, based on high quality mineral, ready to use powder material used for filling the joints of tiles & stone upto 12mm. Suitable for internal & external.

In compliance with European Norms (EN)	
	Final strength as per European Norms 13888
Compressive strength	≥ 30 N / mm2
Flexural strength	≥ 3.5 N / mm2
Abrasion resistance	≤ 2000 mm3
Filling of joint	Upto 12 mm.
Coverage	Depends on tile size & width of joint.



11 Connect & Lock Epoxy Grout

Connect & Lock Epoxy Grout is consist of high quality colour quartz, eco-friendly resin & hardener. The grout provide excellent high quality joints between tiles & stone. The joints are high chemical, stain & abrasion resistance. Connect & Lock Epoxy Grout does not allow water to go through and can be used for filling the tile & stone joints upto 15mm on floor & on wall.

In compliance with European Norms (EN RG)	
	Final strength as per European Norms 13888
Compressive strength	≥ 50 Mpa
Abrasion resistance	< 175 mm3
Water absorption after 240 min	< 0.04g
Porcelain tiles/concrete tensile strength	≥ 3 N/mm2 (Using as adhesive)
Fungal & Bacterial contamination	NIL
Filling of joint Coverage	Upto 15 mm. Depends on tile size & width of joint



12 Connect & Lock Crystal Grout

Connect & Lock Crystal grout is consist of high quality transparent glass crystal, eco-friendly resin & hardener. The grout provide excellent high quality transparent joint between multicolour mosaic tiles & stone. The joints provide monolithic colour surface of mosaic tiles & stone. Crystal grout also resistance to chemical, stain & abrasion and does not allow water to go through and can be used as adhesive upto 3 mm. and for filling the tile & stone joint upto 10 mm. on floor & wall. Suitable for internal.

In compliance with European Norms (EN RG)	
	Final strength as per European Norms 13888
Compressive strength	≥ 50 Mpa
Abrasion resistance	< 200 mm3
Water absorption after 240 min	< 0.04g
Porcelain tiles/concrete tensile strength	≥ 2 N/mm2 (Using as adhesive)
Fungal & Bacterial contamination Coverage	NIL Depends on tile size & width of joint.
Filling of joint Using as adhesive	Upto 10 mm. upto 3 mm

