

ISO 9001:2015
Certified Company

DUKOLL™
Bonding your roots

HIGH POLYMERS MODIFIED TILE FIXING ADHESIVE



ADHESIVE | EPOXY | CONSTRUCTION CHEMICALS

www.dukoll.in

ABOUT US

Welcome to Dukoll, where we pave the way to excellence in construction chemicals!

Dukoll is a distinguished construction chemical manufacturing brand, offering a plethora of products with the highest quality parameters in the industry. Our products are the epitome of reliability and functionality, meeting and exceeding the demands of our discerning customers.

At **Dukoll**, we pride ourselves on our promoters' 25 years of experience in the tiles manufacturing industry. Our founder Mr. Mahesh Patel, also known as Mahesh Bajaj in the Indian tiling industry has successfully given happy smiles on more than 50 million families over last 25 years by manufacturing tiles and supplying to them under one roof of brands including **Bajaj Tiles, Signova Tiles, Multistone, Riwasa Tiles, Expandus Ceramics and Italian Cera.**



**SUSTAINABLE CHEMISTRY
FOR A BETTER TOMORROW...**

VALUES & MISSION

We value exceptional products and services with on-time delivery. We prioritize delivering quality products to our customers without delay. Our mission is to innovate and lead the industry with products that exceed our customers' expectations. We are constantly exploring new technologies and techniques to push the boundaries of what is possible.



INDEX

ADHESIVE	04
PU TILES ADHESIVE	09
DU BLOCK FIX	10
DU FOUNDATION GROUT	11
DU EPOXY	12
TILE GROUT	13
SBR LATEX	14
LW	15
TILE BONDER	16
WHITE CEMENT	17
TILE CLEANER	18
TILE CLIPS & WEDGES	19
TILE SPACER	19
TECHNICAL RESULT & PARAMETER	20





Description

Ready to use grey cement based polymer modified non-shrink, self-curing tile adhesive for floor tiles fixing if provides excellent adhesion and waterproofing properties.

Benefits

- Ready to use, only water needs to be added as per site condition
- Excellent waterproofing properties
- Low shrinkage and crack resistant
- Better bond than conventional cement based mortar
- Flexible to accommodate thermal movement
- Time saving and increase Productivity

Application

Designed For Floors, Wall, interior application etc.

CATEGORY	COLOR	PACKAGING
C1 T	GREY	20KG
COVERAGE		
25-30sq ft for 20kg at 6mm bed thickness		

■ **Description**

Ready to use grey cement based non-shrink, self-curing tile adhesive for fixing tiles on wall (300x300mm tiles over kitchen Slab, and 600x600mm with back buttering over kitchen slab, maintaining a good adhesive thickness of 12mm) and on floors with good adhesion strength.

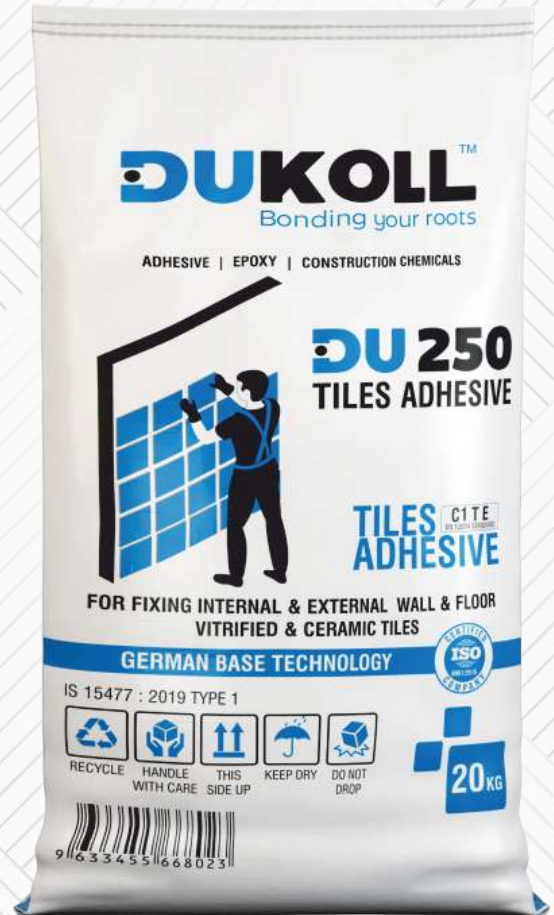
■ **Benefits**

- Universal tiles fixing polymerized cementitious.
- Adhesive, best suits Indian working condition.
- Excellent waterproofing properties.
- Low shrinkage and crack resistant
- Better bond than conventional cement based mortar
- Good open wet time
- Time saving and increase Productivity

■ **Application**

- Designed For Floor and wall tiles for indoor
- The tiles can be make of cotto, Double Fire, Single Fire, Ceramic

CATEGORY	COLOR	PACKAGING
C1 T E	GREY & WHITE	20KG
COVERAGE		
25-30sq ft for 20kg at 6mm bed thickness		





■ Description

DU-400 is a Grey & white Cementitious polymer modified tiles adhesive for interior and exterior installation of Ceramic, Vitrified, Natural Stones, glass tiles, composite marble stones, Paver & bricks etc.

■ Benefits

- Easy Application and better work ability
- Excellent adhesion, non-shrinkage.
- Excellent waterproofing characteristics.
- High Strength.
- Good open wet time.
- Needs no curing soaking of tiles.

■ Application

Fixing absorbent floor and wall tiles outdoors and indoors. The tiles can be made of kota, double fired, Single Fired ceramic, Fixing Properly absorbent or non-absorbent materials such as single -fired tiles, splite tiles, Refine porcelain stoneware and vitrified tiles, suitable for use when high performances are required, such as tile fixing in industrial environment fixing of old tiles or natural stone indoors, in swimming pools or on facades.

CATEGORY	COLOR	PACKAGING
C2 T	GREY & WHITE	20KG
COVERAGE		
30-35sq ft for 20kg at 6mm bed thickness		

Description

DU-600, is a one-pack premixed adhesive consisting from high quality cements, selected silica / quartz sands and specific additives with a high polymer content. It is suitable for laying marble and natural stone for interior and exterior applications.

Benefits

- No vertical slipping
- Extended open time
- Frost Proof
- One pack
- Can be applied up to 10mm thickness
- Needs no curing & soaking of tiles
- Can be applied on cement waterproofing mortars

Application

Very good for large format paving slabs, fixing poorly absorbent or non-absorbent materials such as: single-fired tiles, split tiles and refine porcelain stoneware and vitrified tiles, fixing on heating floors fixing natural stone and marble, so long as they are not affected by water.



CATEGORY	COLOR	PACKAGING
C2 T E	GREY & WHITE	20KG
COVERAGE		
30-35sq ft for 20kg at 6mm bed thickness		





Description

DU-800 is a Grey or white cement based higher grade polymer modified high strength flexible tile adhesive for fixing of any type of tiles, slab of granite, marble stable stone, mosaic of all kind including inside swimming pool, on interior and exterior situation.

Benefits

- Single component, ready to use
- Highly flexible yet strong on bond strength
- High slip resistance tile & composite marble and quartz stone
- Enable faster completion of job saving time and money
- Suitable for various substrates
- Suitable for demanding external applications

Application

● Designed for fully water resistance and nonslip properties, Excellent for large format paving slabs, ● Fixing poorly absorbent or non absorbent materials such as synthetic marbles, asbestos cement sheet, split tiles and refined porcelain stoneware, glass block, Fixing natural stone, synthetic stone and marble so long as they are not affected by environment.

CATEGORY	COLOR	PACKAGING
C2 T E S1	GREY & WHITE	20KG
COVERAGE		
30-35sq ft for 20kg at 6mm bed thickness		

■ **Description**

PU TILE ADHESIVE is a two-part modified polyurethane multipurpose adhesive for fixing all types of tiles and stones on a variety of substrates in interior and exterior areas on either walls or floor. It has been specially designed for fixing water-sensitive tiles/stones on deformable or absorbent/non-absorbent substrates. PU TILE ADHESIVE is flexible and water, freeze and thermal shock resistant when fully cured.

■ **Benefits**

- Non-sag & non-shrink
- High bond strength, chemical resistant
- Freezing, thermal shock resistant
- Reliable bond to impermeable, smooth and vibrating substrates.
- Easy to apply and light weight.
- Ideal for spas, pools and water features.

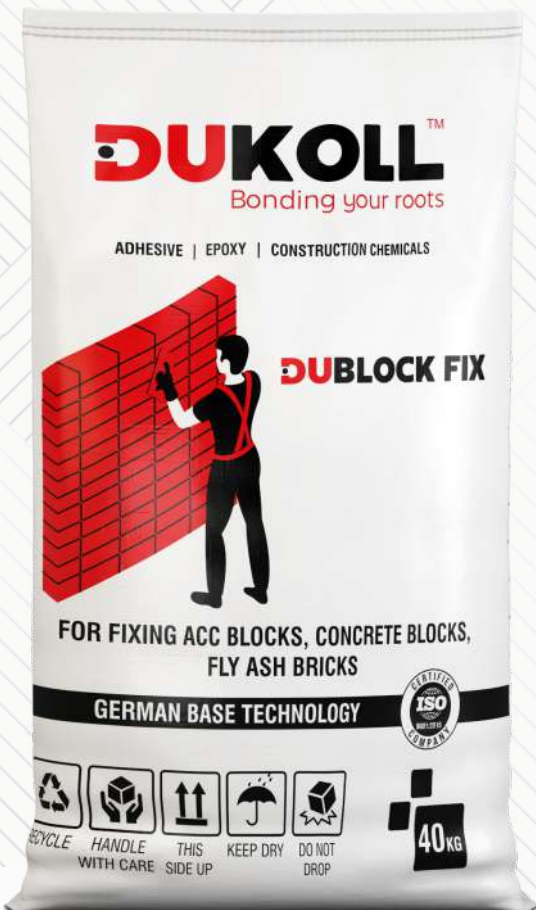
■ **Application**

- Wooden/plywood table tops to achieve waterproof substrate.
- Particle boards, Plywood, Plasterboards, Gypsum and Fibrecement boards
- PVC, Rubber and linoleum-Epoxy or Polyurethane based substrates-GRP, polyester panels.
- Metal & wood floor and walls



SR NO.	PACK SIZE	PART-1	PART-2
1	5kg	4kg	1kg
COVERAGE			
40-50sq ft for 5kg			





■ Description

DUBLOCK FIX is a non-refractory mortar, used for laying masonry units like AAC blocks. It is a self-curing mortar made from cement, selected fine sand and polymeric additives, which ensure good bonding and durable strength between the blocks.

■ Benefits

- For 4mm bed thickness
- Suitable for insulated blocks
- Block mounting full wall in 2-3 days
- The chiseling and conducting can be carried out after 14 days
- The Plastering can be carried out after 7 days
- Can be applied with 90% material transfer
- Self-curing adhesive

CATEGORY	COLOR	PACKAGING
BLOCK FIX	GREY	40KG
COVERAGE		
135-150sq ft for 40kg at 3-4mm thickness This may vary upon surface and water absorption if block		

■ Description

DU FOUNDATION GROUT is supplied as a ready to use dry powder. The addition of a controlled amount of clean water produces a free flowing, non-shrink grout. DU FOUNDATION GROUT is a blend of Portland cement, graded fillers and chemical additives which impart controlled expansion in the plastic state whilst minimizing water demand. The low water demand ensures high early strength. The graded fillers are designed to assist uniform mixing and produce a consistent grout.

■ Benefits

- **Dual Expansion** – Expands in plastic state as well as post initial setting.
- **Low water permeability** – excellent resistance to ingress of water so can be used in Tie rod holes grouting.
- **Pre packed** – Factory controlled mixing avoids onsite batch mixing variations.
- **Free Flow** – Ensures that the grout easily reaches in all slots of the grouting area.

■ Application

- As a grouting compound for base plate grouting of heavy duty machines, turbines etc.
- Also used for grouting/filling the Tie Rod holes/slots in the high quality concrete.
- Good for anchoring wide range of fixings.





■ **Description**

DU-Epoxy Tile Grout is resin-based epoxy tile joint filler which exhibits stain resistant, chemical resistant, hard wearing & impervious properties. Ideal for use in kitchens, bathrooms & wet areas.

■ **Benefits**

- Easy to mix, apply & use.
- Can be cleaned after application very easily with a damp sponge.
- Ensures longevity of tiles maintaining beauty & strength.
- Colour fastness & available in wide range of shades

■ **Applications**

Ideal for use in kitchens, Bathrooms, Swimming Pools & Fountains, Hospitals, Operations Theatres, Sterilization Rooms, Restaurants, Cafes and All Light and Heavy Industrial Applications with High Traffic Areas.



SR NO.	PACK SIZE	RESIN	HARDNER	FILLER
1	5kg	1kg	500g	3.5kg
2	1kg	200g	100g	700g

■ **Description**

Tile Grout is water resistant cementitious tile joint filler for all kinds of tiles. It effectively fills the gaps and levels itself to give hard wearing, non-dusting, tile joints.

■ **Benefits**

- High compressive, tensile & flexural strength
- Water resistant property
- Easy to use and clean.
- Available in wide range of exciting shades

■ **Application**

For filling tile joints in bathrooms, kitchens, internal & external floor & wall tiles. Joins up to 5 mm width tiles.

SR NO.	PACK SIZE	SHIP PACK
1	1kg	12 PACKS





■ Description

DULATEX SBR is a synthetic rubber emulsion which when added to cement slurry / cement mortar / concrete / grout provides good adhesion and water resistance. It comes in the form of a milky liquid. It is fully soluble in water and is to be added directly to the gauging water of slurry / mortar / concrete / grout.

■ Benefits

- Adhesion to most substrates (concrete, stone, brick, ferrous metals, glass, ceramic tiles)
- Improves elasticity, flexibility and tensile strength of cement and reduces cracking in mortar and concrete
- Economical, easy to use and non-toxic Inhibits cracking, improves surface hardening, limits wear and dust production
- Makes the mortar waterproof and reduces susceptibility to acids and greases, salt petre action, etc
- Mortar with DULATEX SBR shows extremely good bonding to bases like concrete, stone, brick etc
- Reduces viscosity of cement injection grout and improves bond of cured injected materials with substrates.

■ Applications

DULATEX SBR is a high quality emulsion that substantially increases the quality of cement slurry / cement mortar / concrete / cementitious grout.

SR NO.	PACK SIZE	SHIP PACK
1	1ltr	15
2	5ltr	4
3	20ltr	1

Description

LW is a specially formulated integral cement waterproofing compound in liquid form which contains selected plasticizers, surface active agents and additives. It enhances concrete cohesiveness, reduces segregation, and minimize porosity and honey combing. It is more efficient compared to traditional powder water-proofers.

Benefits

- Improves the workability & cohesiveness of concrete and cement mortar
- Good water reduction helps to improve durability.
- Reduced segregation and helps to protect steel corrosion
- Minimizes shrinkage crack in cement plaster and concrete
- Increases the waterproofing properties of concrete and cement mortar.

USES

Waterproofing admixture with concrete for:

- Sunken slab, podium slab.
- Water retaining structures.
- Swimming pools.
- Roof slabs and cement screeds / mortar
- Basements
- External plastering



SR NO.	PACK SIZE	SHIP PACK
1	1 ltr	15
1	5 ltr	4
1	20 ltr	1





■ Description

Tile Bonder is a polymer additive which needs to be pre-mix with cement / cement & sand and then should be mixed with water for installing tiles and natural stones using the traditional cement slurry over freshly laid leveling bed / machan.

■ Benefits

- Easy to use as To be pre-mixed with cement and then mix with water.
- Compatible with both grey & white cement.
- Economical solution for tile fixing with less cement slurry consumption.
- Good adjustability time with high water retention even at elevated temperature.

■ Applications

All types of ceramic tile, terracotta, bricks, vitrified tiles, natural stones on floor only-Traditional wet on wet system - cement mortar/ machan bed, for making cement screed bed for tiling-Flooring, for internal area, dry & wet area, domestic applications, commercial applications

■ Description

White cement gives it that superior fineness and whiteness. It has a high refractive index and high opacity, and it gives you that smooth finish even when blended with pigments. This gives you the freedom to play with a wide palette of colours, textures, shapes & sizes, and is the most preferred when it comes to decorative paints, plasters, mosaic tiles, terrazzo flooring and white cement-based value-added products.

■ Benefits

- Depicts true tone of colour
- Less consumption & better dispersion of pigment
- Better coverage
- Imparts brilliant lustre
- Gives freedom to create designs



TILE CLEANER



■ Description

A powerful, heavy duty, acid - based cleaner for ceramic tiled floors and walls. TILE CLEANER is designed for removal of cement film residues, efflorescence and most oxide stains. It may also be used as general purpose cleaner on other acid resistant surface.

Note: Do not use on surfaces that are not resistant to acid such as marble/terrazzo.

■ Benefits

- Powerful formula
- Fast acting
- Easy to apply
- Removes cement film
- Removes residues, efflorescence and most oxide stains

■ Use

TILE CLEANER is used for interior and exterior ceramic tiled floors and walls.

SR NO.	PACK SIZE	SHIP PACK
1	1 ltr	21

TILE CLIPS / WEDGES

■ Description

Ceramic tile installers, particularly for flooring jobs, know that the best possible finishes are achieved using wedges and clips for tiling.

Wedges and clips for tiling are manufactured with quality base material and are completely free from impurities and imperfections.

Wedges and clips for tiling let you align the slopes and curvatures that can appear with ceramic tiles during tiling jobs.

■ Packaging

50 Pcs, in one pouch

■ Available in

3mm, 4mm, 5mm, 6mm



TILE SPACER

■ Description

Tile spacer are made of virgin flexible PVC. Tile spacers used for laying of ceramic, vitrified porcelain, marble and stone in grout.

The spacer are manufactured to exact dimensions for even grout lines and perfect finish.

Our tile spacers assure better bonding to the joint filler and facilitates the removal and replacement to single tiles, it needed.

■ Packaging

100 Pcs, in one pouch

■ Available in

2mm, 3mm, 4mm, 5mm, 6mm, 7mm



DU150 TECHNICAL RESULTS & STANDARDS

IS-15477-2019

Sr. No.	Test Parameter	DU-150			Specifications as per IS 15477-2019	
1	Tensile Adhesion Strength (N/mm ²)					
	Dry Condition (28 Days)	1.83			Min. 0.5	
	Wet Condition (21 Days)	1.00			-----	
2	Shear Adhesion Strength (N/mm ²)					
	Dry Condition (28 Days)	2.43			Min. 1.0	
	Heat Condition (28 Days)	1.63			-----	
	Wet Condition (21 Days)	1.87			-----	
3	Open Time (minute)	25			-----	
4	Adjustability (minute)	25			-----	
5	*Slip Test (mm)	Individual	0.43	0.46	0.40	Max. 0.5
		Average	0.43			
6	*Deformability Test (mm)	Individual	1.54	1.60	1.80	-----
			1.80	1.84	-	
		Average	1.72			

DU250 TECHNICAL RESULTS & STANDARDS

IS-15477-2019

Sr. No.	Test Parameter	DU-250			Specifications as per IS 15477-2019	
1	Tensile Adhesion Strength (N/mm ²)					
	Dry Condition (28 Days)	1.83			Min. 0.5	
	Wet Condition (21 Days)	1.00			-----	
2	Shear Adhesion Strength (N/mm ²)					
	Dry Condition (28 Days)	2.43			Min. 1.0	
	Heat Condition (28 Days)	1.63			-----	
	Wet Condition (21 Days)	1.87			-----	
3	Open Time (minute)	25			-----	
4	Adjustability (minute)	25			-----	
5	*Slip Test (mm)	Individual	0.43	0.46	0.40	Max. 0.5
		Average	0.43			
6	*Deformability Test (mm)	Individual	1.54	1.60	1.80	-----
			1.80	1.84	-	
		Average	1.72			

DU400 TECHNICAL RESULTS & STANDARDS

IS-15477-2019

Sr. No.	Test Parameter	DU-400			Specifications as per IS 15477-2019	
1	Tensile Adhesion Strength (N/mm ²)					
	Dry Condition (28 Days)	2.13			Min. 1.0	
	Wet Condition (21 Days)	1.26			Min. 1.0	
2	Shear Adhesion Strength (N/mm ²)					
	Dry Condition (28 Days)	1.66			Min. 1.25	
	Heat Condition (28 Days)	1.31			Min. 1.0	
	Wet Condition (21 Days)	1.51			Min. 1.0	
3	Open Time (minute)	20			-----	
4	Adjustability (minute)	25			-----	
5	*Slip Test (mm)	Individual	0.35	0.33	0.34	Max. 0.5
		Average	0.34			
6	*Deformability Test (mm)	Individual	2.80	2.82	3.60	-----
			3.66	3.20	-	
		Average	3.22			

DU600 TECHNICAL RESULTS & STANDARDS

IS-15477-2019

Sr. No.	Test Parameter	DU-600			Specifications as per IS 15477-2019	
1	Tensile Adhesion Strength (N/mm ²)					
	Dry Condition (28 Days)	1.60			Min. 1.5	
	Wet Condition (21 Days)	1.12			Min. 1.0	
2	Shear Adhesion Strength (N/mm ²)					
	Dry Condition (28 Days)	1.93			Min. 1.5	
	Heat Condition (28 Days)	1.41			Min. 1.0	
	Wet Condition (21 Days)	1.50			Min. 1.0	
3	Open Time (minute)	30			-----	
4	Adjustability (minute)	25			-----	
5	*Slip Test (mm)	Individual	0.31	0.32	0.28	Max. 0.5
		Average	0.30			
6	*Deformability Test (mm)	Individual	3.26	2.76	2.60	-----
			2.78	3.12	-	
		Average	2.90			

DU800 TECHNICAL RESULTS & STANDARDS

IS-15477-2019

Sr. No.	Test Parameter	DU-800			Specifications as per IS 15477-2019	
1	Tensile Adhesion Strength (N/mm ²)					
	Dry Condition (28 Days)	1.83			Min. 1.5	
	Wet Condition (21 Days)	1.13			Min. 1.0	
2	Shear Adhesion Strength (N/mm ²)					
	Dry Condition (28 Days)	1.93			Min. 1.5	
	Heat Condition (28 Days)	1.61			Min. 1.0	
	Wet Condition (21 Days)	1.79			Min. 1.0	
3	Open Time (minute)	35			-----	
4	Adjustability (minute)	30			-----	
5	*Slip Test (mm)	Individual	0.28	0.26	0.28	Max. 0.5
		Average	0.27			
6	*Deformability Test (mm)	Individual	2.58	2.60	2.92	≥2.5, <5.0
			2.52	2.88	-	
		Average	2.70			

DU BLOCK FIX TECHNICAL RESULTS & STANDARDS

ASTM C1660-09 & ASTM C1006-07

Sr. No.	Test Parameter	DUBLOCK FIX	Specification as per ASTM C1660-09
1	Splitting Tensile Strength (MPa) (100 x 100 x 100 mm)		
	672+4h(28Days)	0.38	0.28 to 0.49

PU ADHESIVE TECHNICAL RESULTS & STANDARDS

IS15477-2019

Test Parameter	PU ADHESIVE	Specification as per IS 15477-2019
28 days Share adhesive Strength : Dry Condition	6.9N/mm ²	≥6N/mm ²
Tensile Adhesive Strength: 28 Days	(3.33N/mm ²)	(2.00N/mm ²)

PU ADHESIVE TECHNICAL INFORMATION

PROPERTIES	RESULTS
Appearance	Part-A(Base)-White thick paste Part-A(Base)-White thick paste
Consistency of mix	Highly viscous(non slip)
Density	Part-A=1.65g/cc Part-B=1.34g/cc
Packing Size	5kg mop(4kg+1kg)
Pot Life @27+2° C, 65% humidity, EN 1346	50min (in bulk mix)
Open time @27+2° C, 65% humidity,	60min (in thin bed 3mm)
Adjustability @27+2° C, 65% humidity,	60min (in thin bed 3mm)
Setting time @27+2° C, 65% humidity,	Initial - 8hours Final - 12hours
Foot Traffic	24 hours
Grouting	Walls - 12hours Floor - 24hours
Coverage*	5kg=40-50ft ²

DUEPOXY GROUT COVERAGE CHART

NO.	TILES SIZE LENGTH & WIDTH	GROOVE DEPTH	DUEPOXY GROUT'S COVERAGE CHART						
			GROOVE TH.2MM	GROOVE TH.3MM	GROOVE TH.4MM	GROOVE TH.5MM	GROOVE TH.6MM	GROOVE TH.8MM	GROOVE TH.10MM
1	25X25	3MM	6.50	----	----	----	----	----	----
2	50X50	5MM	5.84	8.44	10.84	----	----	----	----
3	75X75	5MM	3.99	5.84	7.59	9.26	----	----	----
4	100X100	5MM	1.00	4.47	5.84	7.17	8.44	10.85	----
5	200X200	5MM	1.55	2.30	3.03	3.76	4.47	5.84	----
6	200X300	5MM	1.30	1.92	2.54	3.16	3.76	4.93	6.07
7	300X300	5MM	1.04	1.54	2.05	2.54	3.03	3.99	4.93
8	300X450	5MM	0.86	1.29	1.71	2.13	2.54	3.36	4.15
9	300X600	5MM	0.80	1.16	1.55	1.92	2.30	3.05	3.80
10	400X400	5MM	0.78	1.16	1.54	1.92	2.30	3.03	3.76
11	450X450	5MM	0.69	1.14	1.38	1.71	2.05	2.71	3.36
12	605X605	5MM	0.55	0.80	1.10	1.30	1.55	2.10	2.55
13	800X800	5MM	0.40	0.60	0.82	0.99	1.20	1.60	1.98
14	900X900	5MM	0.34	0.52	0.69	0.86	1.04	1.38	1.71
15	1000X1000	5MM	0.30	0.45	0.63	0.78	0.95	1.10	1.20
16	800X1600	5MM	0.25	0.38	0.53	0.67	0.80	0.91	1.00

*The coverage may vary depending on actual job site and workmanship.
It may vary with the size, groove width & groove depth.

DUKOLL™

Bonding your roots



ADHESIVE | EPOXY | CONSTRUCTION CHEMICALS

CORPORATE OFFICE :- 205, DEVARC MALL, ISCON CROSS ROAD, S.G. HIGHWAY, AHMEDABAD - 380055, GUJARAT, INDIA
FACTORY :- SR.NO. 1524, SABARDAIRY- GADHODA ROAD, HIMATNAGAR, S.K.-383001, GUJARAT, INDIA



+91 7600 27 7601



info@dukoll.in



www.dukoll.in