



MINI PRODUCT GUIDE



ABOUT US

KONKEM is a venture of the Jay group in the construction industry. Today, the group's business ranges from dyes and dye intermediates to successful forays in digital textile printing ink, construction chemicals, textile auxiliaries. Jay Chemicals, started in 1967, is one of the world's top Reactive Dye producers, with presence in over 40 countries.

K2, is one of the leading construction chemical brands in India, with presence in retail as well as project segment. Founded in 2009, we have established a well linked pan India network of retailers, distributors, and applicators, to make our services accessible. While offering a diversified range of quality products, **KONKEM** is committed to provide our customers with a full range of solutions for their construction needs.

K2 Construction Chemical is poised to bring its expertise in various construction chemicals ranging from ,

WATERPROOFING

Integral Waterproofing	Interior
Exterior	

TILE & STONE FIXING

Adhesive	Joint Fillers
Cleaners	Tools

INDUSTRIAL FLOORING & REPAIR

Grout	Repair Mortar
Bonding Agent	Crack Repair
Sealant	Industrial
Instant Fix	

CONCRETE ADMIXTURES

Superplasticizers	Paver & Polish
Curing Compound	Release Agents
Color Pigments	Foaming Agent

K2 is proud on serving a group of professional and individual clients and satisfying the needs of both retail clients and commercial projects with an unyielding commitment to quality.

K2 LIGNOPROOF WLC

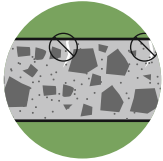
WATERPROOFING

1

Lignosulphonate based integral waterproofing compound for concrete & mortar. Confirms to IS 2645:2003.

Use : For all kind of concrete surfaces and internal as well as external plastering.

Benefits :



Ensures reduction of capillary suction in concrete and mortar.



Improves workability and Compaction.



Reduces rebound loss during plaster.



Prevents corrosion of Reinforcement.



Dosage : 100 ml to 200 ml per 50 kg of Cement.

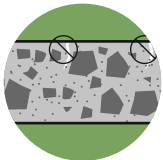
Pack size : 1 ltr, 5 ltr, 10 ltr, 20 ltr & 200 ltr

K2 CONPROOF PLUS

Integral waterproofing compound for concrete & mortar. Confirms to IS 2645:2003.

Use : For waterproofing of all kind of concrete and internal as well as external plastering.

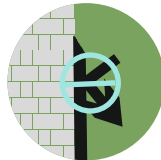
Benefits :



Ensures reduction of capillary suction in concrete and mortar.



Improves workability and Compaction.



Reduces rebound loss during plaster.



Prevents corrosion of Reinforcement.



Dosage : 200 ml per 50 kg of Cement.

Pack size : 1 ltr, 5 ltr, 10 ltr, 20 ltr & 200 ltr

K2 CONFIBER

Polypropylene micro fibre reinforcement for concrete and mortar.

Use : For Internal & external plaster, terrace slab, industrial floors, concrete roads, precast concrete and concrete repairs.

Benefits :



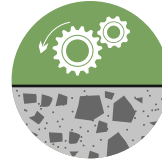
Improves tensile, flexural and compressive strength.



Ensures water tightness by reducing permeability .



Inhibits intrinsic cracking in concrete, improves durability.



Increases impact and abrasion resistance.

K2 BOND SBR

Styrene butadiene rubber based waterproof coating, repair and bonding agent for concrete & mortar.

Application areas : Bathrooms, balconies, basements, water tanks, swimming pools, retaining walls, bridge wall, tunnels, industrial floors, dams, fountains, terraces & roofs.

Benefits :



Improves cohesion and workability.



Economical for normal waterproofing & repair works.



Can be used as repair mortar and bonding agent.



Reduces shrinkage & water permeability in concrete & mortar.

2



Size : 6mm for plaster & for Concrete 12 mm

Dosage : 125 gm. per 50 kg of Cement.

Pack size : 125gm.



Coverage : 35-40 sq.ft. /1 ltr / 2 coats.

Mixing :

Waterproofing Coat - 1:1:3 = K2 BOND SBR: Water: Cement.

Bond Coat - 1:1 = K2 BOND SBR: Cement.
Polymer Modified Mortar - 6 to 7.5 litres per 50 kg of Cement.

Pack size : 200ml, 500ml, 1 ltr, 5 ltr, 10 ltr, 20 ltr & 200 ltr

K2 POLYCRETE

3

Acrylic polymer compound for cementitious waterproof composite coating membrane.

Application areas : Industrial floors, dams, water tanks, tunnels and sewages

Benefits :



Easy application for horizontal & vertical surface.



Excellent adhesion to concrete and masonry surfaces.



Breathable & highly UV resistant.



Coverage : 22-25 sq.ft. / 1 ltr / 2 coats.

Dosage : 1 : 1.5 (K2 Polycrete : Cement)

Pack size : 500ml, 1 ltr, 5 ltr, 20 ltr & 200 ltr.

K2 BRUSHGARD

Two pack polymer modified cementitious waterproof coating.

Application areas : Water tank, swimming pool, basement, water reservoir, lift pit, roof gardening, terrace etc.

Benefits :



Non-toxic. UV resistant. Prevents carbonation & chloride-ion diffusion.



Flexible & breathable coating.



Water resistant.



Excellent adhesion to concrete, natural & artificial stone.



Coverage : 6.5 to 7.5 sq.ft. / kg / 2 Coats.

Dosage : 3 kg : 1 kg liquid : 2 kg Powder
15 kg : 5 kg liquid : 10 kg Powder

Pack size : 3 kg & 15 kg

Variant : Available in Grey And White

K2 FLEXIGARD

4

High performance polymer modified cementitious waterproof coating.

Application areas : Basement retaining walls, concrete roof slabs, balcony, bathroom, toilets and kitchen, water tanks and swimming pools, bridge decks, canals and dam walls, steam room waterproofing, sewage treatment plants.

Benefits :



Provides a flexible & low permeable coating.



Water resistant.



Non-toxic.
Eco-friendly .



Excellent adhesion to concrete.



Dosage : 85 to 95 sq.ft. / 18 kg at 1 mm DFT.

Pack size : 18 kg
[Powder Component- 10.5 kg +
Liquid Polymer Component - 7.5 kg.]

K2 BITUCOAT

Bitumen based anti-corrosive waterproof coating.

Application areas : Iron, steel, masonry and wooden surfaces.

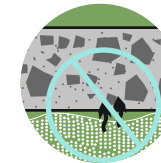
Benefits :



Excellent adhesion to concrete, wooden, metal & masonry surfaces.



Easy application by brush.



Resistant to chlorides and sulphate commonly present in the soil.



Cost effective water proofing coating.



Coverage : Concrete, wooden & Masonry surface: 60 to 80 sq.ft. / 1 ltr / coat.
Metal surface: 80 to 100 sq.ft. / 1 ltr / coat.

Pack size : 500ml, 1 ltr, 4 ltr, 20 ltr.

K2 EXPEL SWR

5

Colourless silicone water repellent.

Application areas : Exterior walls, brick work, exposed concrete, cement rendering, all type of stones (dholpur stone, sand stone, other porous stones)

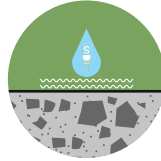
Benefits :



Easy application -
brush / spray.



Breathable coating.



Unaffected by salt-
laden (saline)
Atmosphere.



Colourless -
maintains natural
colour and texture of
the surface material.



Coverage : 45-90 sq.ft. / 1ltr/
coat

Pack size : 1 ltr, 5 ltr, 20 ltr

K2 HYDROSEAL

Penetrating & pore blocking waterproof coating.

Application areas : Interior walls & ceilings, plaster surfaces.

Benefits :



Single pack, ready to
use.



Reduces dampness and
water permeability.



Blocks water
transport within the
substrate.



Excellent bonding
with cement base
substrates.



Dosage : 40-50 sq.ft. / 1ltr/
2 coat.

Pack size : 1 ltr, 4 ltr

K2 UNIPRIME

6

Surface stabilizer & efflorescence resistant waterproof primer

Application areas : Exterior, interior, vertical and horizontal cement based surfaces.

Dilution : Can dilute up to 20% to 40% clean water in 1 ltr K2 Uniprime.

Benefits :



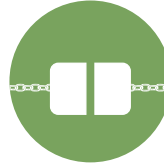
Surface stabilizer and efflorescence resistant.



Low VOC. Eco friendly .



Allow surface to breathe.



Very good adhesion to cement based surfaces.



Dosage : 90 to 120 sq.ft. /1 ltr / coat.

Pack size : 1 ltr, 4ltr, 20 ltr

K2 SEALCOAT

Transparent coating for terrace waterproofing.

Application areas : Building roofs, terraces, exterior walls, roof covering and parapet & inside areas of stones.

Benefits :



Easy application - brush or spray.



Transparent coating hence maintains the beauty of surface.



Excellent resistance against UV and IR, algae and fungal growth.



Low VOC. Eco friendly.



Dosage : 35 sq.ft. / 1 ltr / 3 coats (According to surface condition).

Pack size : 1 ltr, 5 ltr, 20 ltr

K2 ELASTOMERIC

7

Decorative Elastomeric based exterior waterproof coating.

Application Areas : Exterior Cement based Surfaces.

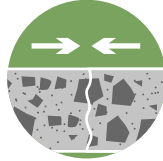
Benefits :



Easy application by brush and roller.



UV, weather as well as fungus and algae resistant.



Anti-carbonation properties. Crack bridging ability and breathable coating.



Protective and decorative waterproof coating.



Dosage : 30-35 sq.ft. /1 ltr / 2 coat.

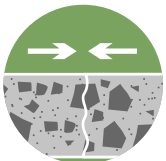
Pack size : 1 ltr, 4 ltr, 20 ltr

K2 SMARTCOAT

Fibre reinforced acrylic polymer based waterproof coating for terrace.

Application areas : For concrete & plaster surface of slab, roofs, terraces, sloping and horizontal surfaces.

Benefits :



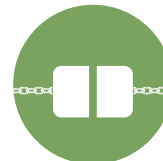
Excellent flexibility-crack bridging ability up to 2 mm width.



Non-toxic and Eco-friendly.



UV, weather, abrasion as well as fungus and algae resistant.



Excellent Waterproof and strong membrane.



Coverage : 10 to 11 sq.ft./1 ltr / 3 coats.

DFT : 450 to 500 - 2 coat

Pack size : 1 ltr, 4 ltr, 10 ltr.

K2 HEATGUARD

8

Fibre reinforced acrylic based heat resistant coating.

Application areas : Exterior walls, roofs, terraces, cement, metal, concrete and asbestos surfaces.

Benefits :



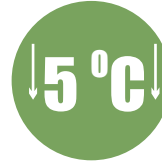
Ready to use coating.
UV resistant.



Microbial resistant -
prevents growth of
algae, fungus and
moss.



Eco-friendly - safe
for the
environment.



Better heat
insulation.



Coverage :

Concrete surface – 40-50 sq.ft. / 1 ltr / 1 coat.
Steel surface – 50-60 sq.ft. / 1 ltr / 1 coat.

Pack size : 1 ltr, 4 ltr, 20 ltr

K2 NEWFIX

TILE & STONE FIXING

Polymer modified non-shrink tile adhesive.

Uses : For installation of tiles on internal floor and laying ceramic and porcelain tiles on internal walls.

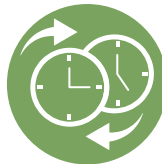
Benefits :



Ready to use tile
adhesive. No need of
curing.



Excellent adhesion
and
Low shrinkage.



Time saver. Increases
efficiency.



Coverage : **3 mm thickness**- 50 to 55 sq.ft. / 20 kg
5 mm thickness- 30 to 35 sq.ft. / 20 kg

Dosage : 5.6 to 6 ltr water / 20 kg

Pack size : 20 kg Bag

K2 UNIFIX

9

General purpose non-shrink tile adhesive.

Use : For fixing all types of tiles on walls and floors as well as tile on tile application.

Benefits :



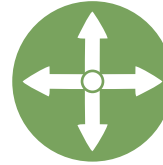
Ready to use tile adhesive. No need of curing.



Waterproof and can be used in submerged conditions.



Non-shrink and non-skid properties.



Can be used in both horizontal & vertical application.



Dosage : 5.6 to 6 ltr Water / 20 kg bag

Pack size : 20 kg bag

K2 SUPERFIX

High performance tile and stone adhesive.

Use : For fixing all types of tile and natural stones on interior and exterior surface.

Benefits :



No need of curing. Non shrinkage.



Excellent for thin and thick bed application.



Flexible to accommodate thermal movement.



Coverage : 23-25 sq.ft. / 20 kg bag / 6 mm thickness.

Dosage : 5.2 to 6 ltr water /20 kg bag.

Pack size : 20 kg bag.

K2 WHITE GTA

High performance white cement based polymer modified adhesive.

Use : suitable for fixing glass mosaic, glass tiles and marble on exterior as well as interior walls and floors.

Benefits :



Ready to use. Only water to be added.



Excellent adhesion to the surface, Non-shrink & water resistant.



Floor can be used after 24 hrs.

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Coverage:

Marble - 6 mm thickness: 2-2.5 sq.mt. / 20 kg.
Glass mosaic - 2 mm thickness: 7-8 sq.mt. / 20 kg.
Glass tiles - 3 mm thickness: 5-5.5 sq.mt. / 20 kg.

Dosage: 5.2 to 6 ltr water /20 kg bag.

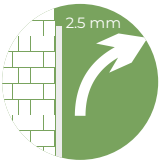
Pack size: 20 kg bag.

K2 ULTRAFIX

Heavy duty stone and tile adhesive.

Use : for fixing all kind of tiles and stone on exterior as well as interior walls and floors.

Benefits :



Deformable cementitious adhesive.



Non-shrinkage material. High strength.



Flexible to accommodate thermal movements.



Coverage: 23-25 sq.ft. / 6mm thickness/ 20 kg bag.

Dosage:

Grey adhesive - 5.6 to 6.4 ltr water / 20 kg bag.

White adhesive - 6.4 to 7.2 ltr water / 20 kg bag.





Pack size: 20 kg bag.

Variant : Available in Grey and White.

shade card

K2 Colorfil TJF & K2 Epoxyfil TJF/ 2k

White   		Pista Green  		Dark Blue  	
Creamy White 		Sky Blue  		Dark Grey   	
Ivory   		Sage Green  		Dark Brown   	
Cream  		Copper Brown  		Kota Green  	
Yellow  		Ocean Blue 		Terra Red   	
Mushroom  		Grey Brown 		Terra Brown  	
Pearly Pink  		Smoke Grey 		Granite Grey 	
Steel Grey  		Dark Green  		Black   	

-   K2 Colorfil TJF is available in selected colors
-  K2 Epoxyfil TJF is available in selected colors
-  K2 Epoxyfil 2k is available in selected colors

NOTE: While every care is taken during the manufacturing exact matching cannot be guaranteed. Shades shown are for indication only.

K2 COLORFIL TJF

Pigmented tile joint filler powder.

Application areas : kitchens, bathrooms, toilets, swimming pools & aquariums.

Benefits :



Cost effective, durable, and resistant to fungus and mold.



Ready to use. Only water to be added.



Ideal for use in submerged conditions. Shrinkage free tile grout.



Available in attractive colours.

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Coverage : 49 running meter / 1 kg/ 3 mm x 5mm joint.

Pack size : 500 gm. & 1 kg

K2 EPOXYFIL TJF

Three component epoxy based tile joint filler.

Use : For filling joints of all types of tiles, marbles and stones.

Benefits :



Joints of 2 mm to 20 mm can be filled.



Has high bonding strength and compressive strength.



Prevents chemicals and bacteria & Crack proof.



Prevents damage from abrasion caused by heavy traffic.



Coverage & : Refer K2 EPOXYFIL TJF Shade card

Pack size :

1 kg= (PART-A: 185 gm. + PART-B: 90 gm.) & PART-C: 725 gm.
5 kg= (PART-A: 925gm. + PART-B: 450 gm.) & PART-C: 725 gm. X 5 nos.

K2 EPOXYFIL 2k

Two component epoxy based tile joint filler .

Use : For filling tile joints of internal and external flooring of porcelain tile, ceramic, mosaic and vitrified tiles, natural stone & marble.

Benefits :



High bond strength. Non sagging, durable, crack resistant and non-chalking.



Easy to clean. Provides hygienic, hard wearing and impervious properties.



Non-toxic & restricts entry of bacteria/dirt.



Resistant to water & certain chemicals.

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Coverage & Color: Refer K2 EPOXYFIL 2k Shade card.

Pack size :

1 kg (part A - 0.940 kg & part B - 0.060 kg)
4 kg (part A - 3.760 kg & part B - 0.240 kg)

K2 SOFTCLEAN

Acid-free tile cleaner.

Application areas : Marble, natural stones and floor tiles.

Benefits :



Helps in removal of most stubborn stains.



Non acidic, fast acting mixture.



Can be used as antibacterial cleaning agent.



Dilution : 1 : 2 (K2 Softclean : water)

Pack size : 500 ml and 1 ltr

K2 MULTICLEAN

Acid based cleaner for cleaning regular as well as stubborn stains.

Application areas : concrete surfaces, ceramic tiles, vitrified tiles, ceramic sinks and washbasins etc.

Benefits :



Multi-purpose cleaning agent.



Helps in removal of most stubborn stains.



Keeps surfaces intact. Fast acting formula.

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Coverage: 5 to 10 sq.mt. / 1 ltr
(According to surface condition).

Dilution : 1:4 (K2 Multiclean : Water).

Pack size: 500 ml, 1 ltr, and 5 ltr.

K2 CHROMECLEAN

Low VOC cleaning agent used for all chrome plated fittings and sanitary wares.

Application areas : CP fittings & accessories, sanitary wares, kitchen sink, showers, taps and stainless steel surfaces.

Benefits :



Maintains actual look of CP fittings and stainless steel surfaces.



Removes hard scaling, stubborn water stain marks & lime scale.



Low VOC– environment friendly.



Pack size: 200 ml and 500 ml

K2 TILEOADD

Latex based additive for tile adhesive and tile grout.

Use : On mixing additive for better strength in tile grout.

Benefits :



High bond strength. Shock resistance with higher flexibility.



Needs no curing and soaking of substrate or tile.



Can be mixed with K2 newfix, K2 unifix or K2 white GTA.

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Dosage :

Tile grout : 200 ml / 1 kg K2 Colorfil TJF

Cement slurry : 1 ltr / 50 kg cement bag with water.

Tile adhesive : 1 to 2 ltr / 20 kg tile adhesive bag with water.

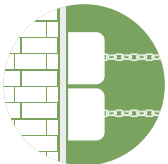
Pack size: 200 ml, 1 ltr and 5 ltr

K2 JAYMASTIC

Filler, sealer & glue for marble, granite & stone.

Use : For filling the gaps, crack and pinhole in the stone, granite and marble, to fill joints of marble to marble, granite to granite and stone to stone.

Benefits :



Gives excellent bonding between all types of stone joints.



Quick setting marble glue which can fill the gap effectively.



Gives long lasting, strong and permanent bonds to stone and marble surfaces.



Pack size:

Variants	Base-Solid	Base-Liquid	Hardener
White	1.5 kg	1.5 kg	45 gm.
Ivory	1.5 kg	1.5 kg	45 gm.
Neutral	1 kg	1 kg	30 gm.

K2 KRACKSEAL

INDUSTRIAL FLOORING & REPAIR

16

Non-shrink crack filler powder for plaster cracks.

Use : For filling static cracks of 3mm to 6mm on plasters and masonry walls.

Benefits :



Non-shrink. Strong adhesion to common building substrates.



Can be easily mixed with water and applied to cracks.



Fills the cracks up to 6x6 mm.



Coverage : 30 to 35 meter/ 1kg for 6mm x 6mm groove.

Dosage : 3:1 (powder: water)

Pack Size : 500 gm. & 1 kg

K2 KRACKSEAL PASTE

Acrylic polymer based crack filling paste.

Use : For internal & external plastered brick masonry wall cracks up to 5mm width.

Benefits :



Flexible. Accommodates minor movements in cracks.



Water based with very low VOC hence eco-friendly.



Breathable. Excellent adhesion with cementitious surfaces.



Coverage : 25-30 running meter/ 1 kg / groove of 5 x 5mm

Pack Size : 500 gm. & 1 kg

K2 METAPRIME WT

17

Water based anti-corrosive primer for metal.

Application areas : Structural steel reinforcement, cast iron, ferrous and metal substrates.

Benefits :



Easy application with brush or spray.



Corrosion resistant. Protects from sulphate and chlorides.



Low VOC – environment friendly, Economical and cost effective.



Very good adhesion to metal surfaces.



Coverage: 15 to 16 sq.mt. /
1 ltr / 1 coat /
18 to 20 Micron DFT
Pack size : 1 ltr, 4 ltr & 20 ltr

K2 BARCOAT EP

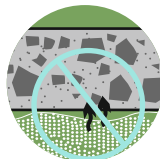
Anti-corrosive epoxy coating for structural steel & reinforcement.

Application areas : Structural steel reinforcement, ferrous and metal substrates, pipe foundation, marine installation & structures expose to saline and industrial environments.

Benefits :



Excellent impact & abrasion resistance.



Excellent resistance to moisture and saline conditions.



Good resistance to mild chemicals.



Excellent corrosion resistance.



Coverage: 90 to 120 sq.ft / 1 ltr / 1 coat
Pack Size: 4 ltr [Part A :Base (3.2 Ltr) & Part B: Hardener(0.8 ltr)]

K2 RESIGROUT

Polyester resin based grout.

Use : For high strength anchoring of bolts and bars from 12mm -25mm diameter into concrete, masonry work.

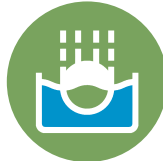
Benefits :



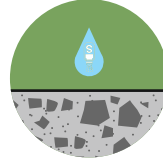
Gains rapid strength.



Can resist erosion and vibrations.



Ideal for underwater placement.
Non-expansive, high compressive strength.



Resistant to fresh and salt water, petrol, oils, grease and most acids, alkalis and solvents.

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Pack Size: 500 gm.

(Resin 100 gm. : Hardener 400 gm.)

K2 GROUT NSFF

Non-shrink free flow cementitious grout.

Use : machine foundation, grout bearings, column joints in precast construction, concrete anchors, cavities, gaps, recesses, pump sets, turbines etc.

Benefits :



Adjustable consistency with Cement.



Only water addition required.



Excellent shrink resistant. Early high strength gain.
Corrosion resistant.



Non-flammable and non-toxic.
Resistant to impact and vibration.



Dosage: 1 kg K2 Grout NSFF in

165 ml to 180 ml of Clean Water.

Pack Size : 25 kg bag.

K2 CEMSCREED FR

19

Polymer modified fibre reinforced cementitious repair mortar.

Use : for repairing of structural areas in residential, commercial, industrial buildings, beam, columns and jetties.

Benefits :



Easy mixing. Excellent bond strength.



High tensile strength. Shrinkage compensation mortar.



Extremely low permeability, gives excellent resistance to environmental attacks.



Compressive strength - 40 n/mm²(@28 days)



Coverage: 1-1.2 sq.mt./ 25 kg bag/
10 mm width

Pack Size : 25 kg bag

K2 BLOCKFIX

Block fixing adhesive.

Use : Laying and jointing of fly ash bricks, cement blocks, hollow blocks, AAC blocks etc.

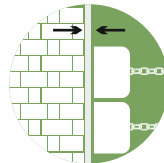
Benefits :



Ready to use. Only water to be mixed on site.



Waterproof and no need of curing.



Thin jointing material with very high adhesion strength.



Ready for subsequent application (plaster) after 24 hrs. Of application.



Coverage: 75-80 sq.ft. / 3 mm width / 30 kg bag

Dosage: 250-300 ml water / 1 kg K2 Blockfix.

Pack size: 30 kg bag

CERTIFIED WITH



REGISTERED WITH





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 / K2 Construction Chemical

