



Connecting Quality with Convenience

Extensive & Reliable Range of Plumbing Adhesives



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Astral Adhesives manufactures a diverse range of adhesives, sealants, putties, self-adhesive tapes, construction chemicals and industrial maintenance products. The new-age products aim to make the world more flexible and efficient.

Our key strength lies in the well-upheld quality standards and constant innovation to evolve with the modern times. With our extensive range of products, technologies and innovations, the steadfast agenda is to serve our consumers globally.

The backbone of our products is the proficient knowledge of different chemistries such as epoxy, silicones, acrylics, cyanoacrylates, UV cure, PVC, etc. Additionally, after meticulous market research, we have developed a deep understanding and insight concerning the needs of the consumers, which in turn enables us to design products that meet their needs in almost every segment of usage.

We ensure good manufacturing practices, segregation of production facilities for every grade and the latest control systems that contribute to the consistency of our products.

Astral Adhesives products stand for quality and reliability, and to fulfil consumer needs, we market our products in about 42 brands, 151 sub-brands and more than 600 SKUs through a wide network of distributors, all over the country.

BOND SET

BOND TITE

RESIBOND

ResiQuick

SOLVOBOND

RESCUETAPE

SOLVOBOND CPVC 707 | 01



TRUZO | 04



PLASTIWELD | 07



RESITAPE PTFE TAPE | 09



SOLVOBOND uPVC 606 | 02



AMROW | 05



BONDSET SANITARY UNDERWATER | 08



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SOLVOBOND | 06



BOND TITE WHITE PASTE | 11



MEETS:
ASTM
D-2846 &
F-493
Standards.



SOLVOBOND CPVC 707

MEDIUM-BODIED PVC SOLVENT CEMENT

SOLVOBOND CPVC 707 is yellow colored, medium-bodied CPVC solvent cement used for joining CPVC pipes & fittings. It is recommended for potable water piping as well as pressurized pipes.

It can withstand temperatures up to 82°C and can be used without a Primer.

ADVANTAGES



Medium-bodied
fast drying CPVC
solvent cement



For potable
water up to
82°C



Low VOC



High solid
content



Can sustain
High
Pressure



Resists Algal &
Bacterial
growth.



Ideal product
for Hot-water
plumbing

SHELF LIFE

24 months from
the date of
manufacturing

PACKING

Metal Container

50 ml | 118 ml | 237 ml
473 ml | 946 ml

TECHNICAL INFORMATION

| PROPERTIES | RESULTS |
|--|--|
| Physical state | Medium Viscosity |
| Color | Yellow |
| Viscosity@ 25°C (Cps) | 500-1000 |
| Hydrostatic burst strength* (@ 25°C(After 24 hours) | >1000 PSI (1n 2" pipe) min |
| Sustain Pressure Strength (ASTM F-493) | Sustain at 364 PSI for 4 Hrs @ 82°C |

* Minimum requirement of Hydrostatic burst strength
as per ASTM D 2564 is 400 PSI

USAGE

- Pipe assemblies recommended at temperature above 5°C for CPVC Pipe through 2" interference
- Suitable for all kinds of PVC pipes & fittings up to 4" diameter under pressure line and up to 6" diameter of all class of non-pressure pipeline

CPVC SOLVENT CEMENTS

FOR HIGH RISE - HIGH PRESSURE
PLUMBING SOLUTIONS



MEETS:
ASTM D-2564
&
IS: 14182-1994
Standards.

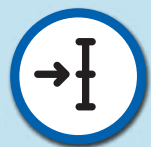


SOLVOBOND uPVC 606

MEDIUM-BODIED uPVC SOLVENT CEMENT

SOLVOBOND uPVC 606 is fast setting solvent cement for joining uPVC pipes & fittings for low pressure and drainage systems. It can be used for uPVC pipes transporting potable water as well as for materials like PVC, Acrylic & ABS.

ADVANTAGES



Medium-bodied
uPVC Solvent
Cement



Solvent Cement for use
with un-plasticized
PVC Pipes & Fittings



Low VOC



Ideal product for
cold water plumbing

SHELF LIFE

24 months from
the date of
manufacturing

PACKING

Metal Container
50 ml | 118 ml | 237 ml
473 ml | 946 ml

TECHNICAL INFORMATION

| PROPERTIES | RESULTS |
|---|---------------------------|
| Physical state | Medium Viscosity |
| Color | Colorless |
| Viscosity@ 25°C (Cps) | 500-800 |
| Hydrostatic burst strength* (Joint curing 2hr @RT) (ASTM D-2564) | >700 PSI (1n 2" pipe) min |

* Minimum requirement of Hydrostatic burst strength
as per ASTM D 2564 is 400 PSI

USAGE

- uPVC Pipe assemblies recommended for industrial, irrigation, electrical conduit, plumbing, including PVC foam core pipe size through 6" dia. Interference fit. Sch. 80 through 4" dia.
- Suitable for domestic plumbing, agriculture pipeline, boring application and door manufacturing

uPVC SOLVENT CEMENTS

FOR COOLING TOWERS /
INDUSTRIAL PIPELINES





SOLVOBOND PVC 501

REGULAR-BODIED PVC SOLVENT CEMENT

SOLVOBOND PVC 501 is regular-bodied PVC Solvent Cement for PVC pipes & fittings up to 6" diameter. It is suitable for conduit & low-pressure and drainage systems.

ADVANTAGES



Regular-bodied
PVC Solvent
Cement



Low VOC



Low Viscous-High
Coverage

SHELF LIFE

24 months from the date of manufacturing

PACKING

Metal Container

50 ml | 118 ml | 237 ml | 473 ml | 946 ml

TECHNICAL INFORMATION

| PROPERTIES | RESULTS |
|---|---------------------------|
| Physical state | Low Viscosity |
| Color | Colorless |
| Viscosity@ 25°C (Cps) | 70-120 |
| Hydrostatic burst strength* (Joint curing 2hr @RT) (ASTM D-2564) | >700 PSI (1n 2" pipe) min |

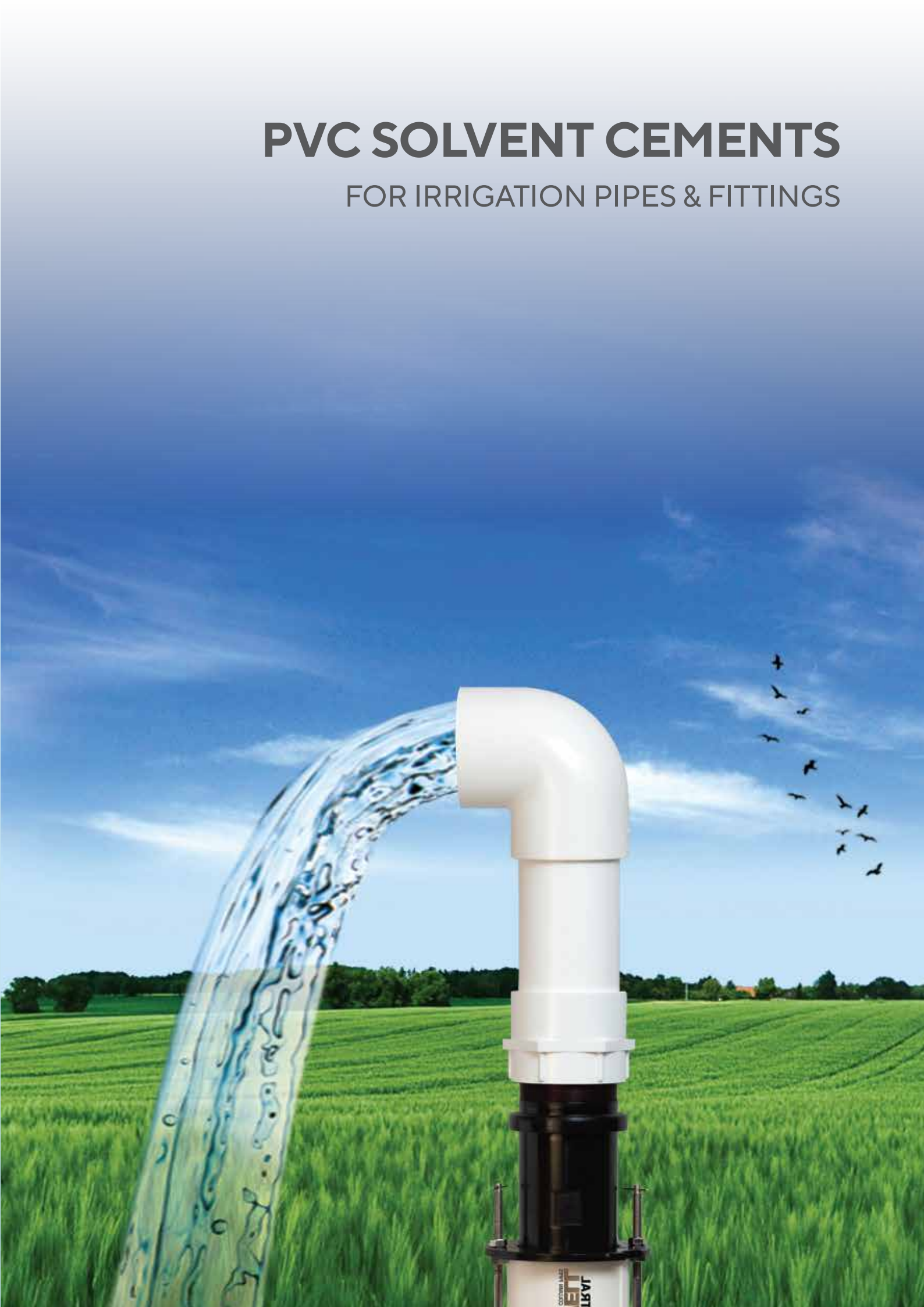
* Minimum requirement of Hydrostatic burst strength as per ASTM D 2564 is 400 PSI

USAGE

- Low-pressure PVC pipes and fittings and drainage systems. Assembly recommended at temperature above 5°C. Allowable gap: 0.3 mm. interference: 0.2 mm
- Borewell fittings
- Joining electrical conduits

PVC SOLVENT CEMENTS

FOR IRRIGATION PIPES & FITTINGS



MEETS:
ASTM-F 493
Standard.

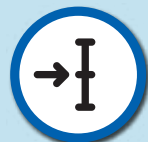


TRUZO

MEDIUM-BODIED CPVC SOLVENT CEMENT

TRUZO CPVC Welder is medium-bodied, yellow colored CPVC solvent cement for jointing CPVC pipes and fittings.

ADVANTAGES



Medium-bodied
CPVC Solvent
Cement



High strength and
fast drying



Boiling water
resistant



Resists Algal &
Bacterial growth



Can withstand
up to 82°C

SHELF LIFE

18 months in prescribed storage condition

PACKING

Tube

5 ml | 15 ml | 25 ml | 50 ml | 100 ml

Metal Container

50 ml | 100 ml | 200 ml | 500 ml

TECHNICAL INFORMATION

| PROPERTIES | RESULTS |
|---|--|
| Physical state | Medium Viscosity |
| Color | Yellow |
| Viscosity@ 25°C (Cps) | 1000-1500 |
| Hydrostatic burst strength* (Joint curing 2hr @RT) (ASTM D-2564) | >700 PSI (In 2" pipe) min |
| Sustain Pressure Strength (ASTM F-493) | Sustain at 364 PSI for 4 Hrs @ 82°C |

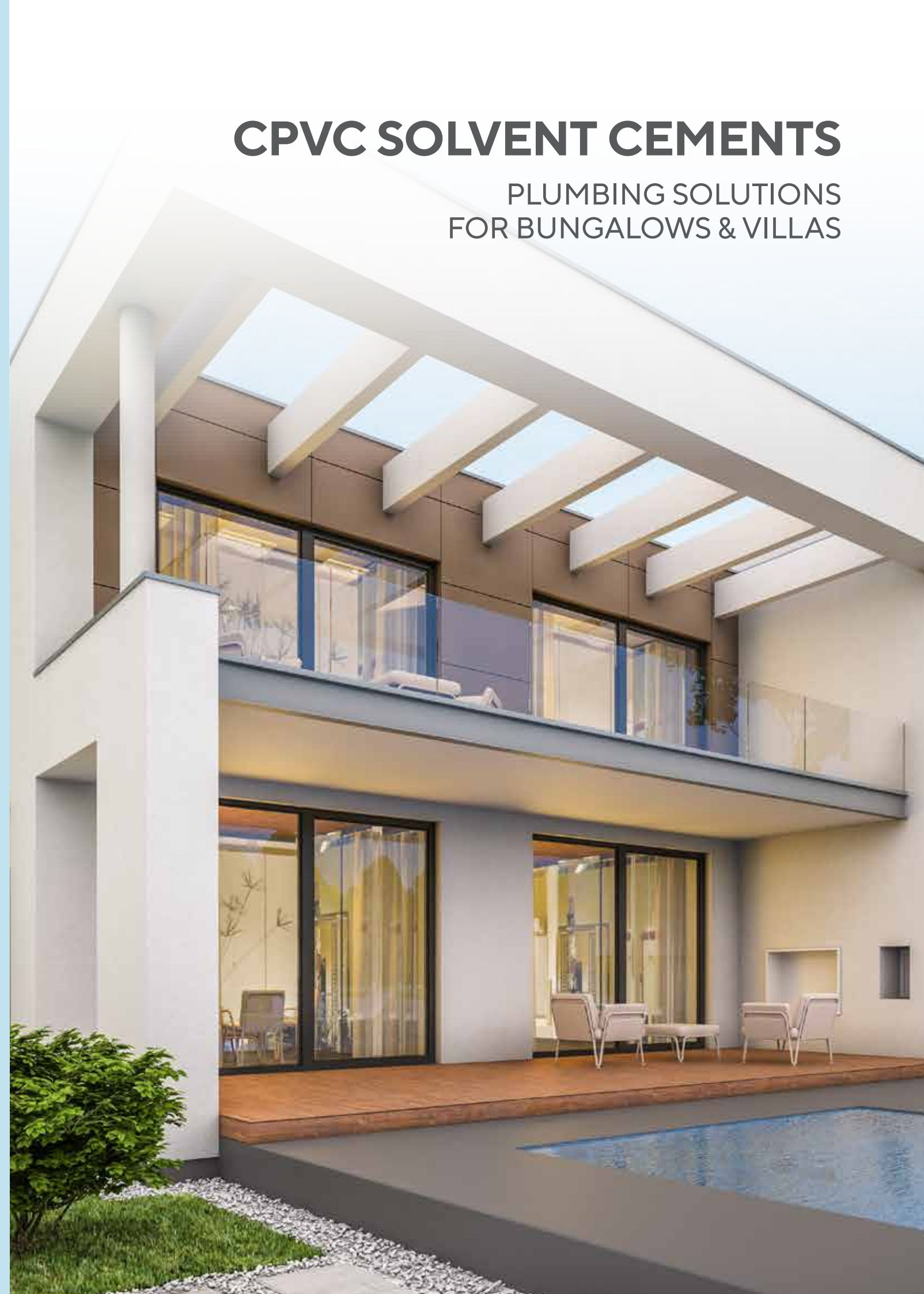
* Minimum requirement of Hydrostatic burst strength as per ASTM D 2564 is 400 PSI

USAGE

- Suitable for all kinds of CPVC pipes & fittings up to 2" diameter
- Suitable for domestic plumbing
- Suitable for hot & cold water pipeline
- It can be used for potable water & pressurized pipes

CPVC SOLVENT CEMENTS

PLUMBING SOLUTIONS
FOR BUNGALOWS & VILLAS



MEETS:
ASTM D 2564
Standard.



AMROW

MEDIUM-BODIED uPVC SOLVENT CEMENT

AMROW uPVC Welder is a medium-bodied fast setting solvent cement for jointing uPVC pipe and fittings for low pressure and drainage system.

ADVANTAGES



Medium-bodied
uPVC Solvent
Cement



Very fast
drying



Single component
hence easy to
apply



Available in
both Colorless
and Blue color



Excellent
strength



Excellent for uPVC pipes
and fittings for low pressure
and drainage system

SHELF LIFE

18 months from
the date of
manufacturing

PACKING

Aluminum Tube (Clear)

4 ml | 20 ml | 50 ml | 100 ml

Aluminum Tube (Blue)

20 ml

Metal Container (Clear & Blue)

50 ml | 100 ml | 200 ml | 500 ml

TECHNICAL INFORMATION

| PROPERTIES | RESULTS |
|---|---------------------------|
| Physical state | Medium Viscosity |
| Color | Colorless / Blue |
| Viscosity@ 25°C (Cps) | 200-500 |
| Hydrostatic burst strength* (Joint curing 2hr @RT) (ASTM D-2564) | >600 PSI (In 2" pipe) min |

* Minimum requirement of Hydrostatic burst strength
as per ASTM D 2564 is 400 PSI

USAGE

- No dripping and wastage during application and is suitable for all kinds of uPVC pipes & fittings up to 6" diameter (Schedule 40 and 80) with Primer
- Suitable for domestic plumbing & industrial application
- Suitable for cold-water pipeline
- Used for potable water
- It also works very well in PVC, Acrylic & ABS

uPVC SOLVENT CEMENTS

PLUMBING SOLUTIONS
FOR COMMERCIAL BUILDINGS





SOLVOBOND

MEDIUM-BODIED PVC SOLVENT CEMENT

SOLVOBOND is a medium-bodied PVC solvent cement used for repairing and bonding of PVC pipes & components made from PVC. Excellent solvent cement for bonding electrical conduit and plumbing PVC pipe joints, PVC floor tiles, PVC doors, which can withstand temperature up to 50°C.

ADVANTAGES



Fast-drying PVC solvent cement



Confirms to IS: 14182-1994: Solvent Cement for use with un-plasticized PVC Pipes & Fittings



Low VOC



High solid content



Can sustain High pressure

TECHNICAL INFORMATION

| PROPERTIES | RESULTS |
|--|-----------------------|
| Physical state | Medium Viscosity |
| Color | Colorless |
| Viscosity@ 25°C (Cps) | 300-500 |
| Hydrostatic burst strength* (Joint curing 2hr @RT) (ASTM D-2564) | >600 (1/2" pipe) min |

* Minimum requirement of Hydrostatic burst strength as per ASTM D 2564 is 400 PSI

USAGE

- Suitable for all kinds of PVC pipes & fittings up to 4" diameter under pressure line and up to 8" diameter of all class of non-pressure pipelines
- Suitable for domestic plumbing, agriculture pipeline, boring application and door manufacturing

SHELF LIFE

18 months from the date of manufacturing

PACKING

Aluminum Tube

5 ml | 10 ml | 13 ml | 25 ml
35 ml | 50 ml | 75 ml | 100 ml

Plastic Container

200 ml | 250 ml | 500 ml | 1 L | 5 L

Metal Container

50 ml | 100 ml | 200 ml | 500 ml | 1 L

PVC SOLVENT CEMENTS

FOR BOREWELL AND IRRIGATION
PIPES & FITTINGS



MEETS:
ASTM
D-2564 & IS:
14182-1994:
Solvent



PLASTIWELD

REGULAR-BODIED PVC SOLVENT CEMENT

PLASTIWELD is low-viscous, fast-setting, regular-bodied PVC solvent cement. It is used for joining PVC pipe and fittings and can withstand up to 60°C.

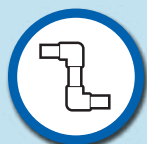
ADVANTAGES



Regular-bodied
PVC Solvent
Cement



Conforms to
ASTM D-2564 &
IS: 14182-1994:
Solvent



Cement for use with
un-plasticized PVC
Pipes & Fittings



Can be used on
ABS and Acrylic
substrates



Low-viscous
and High
coverage

SHELF LIFE

18 months from the date of manufacturing

PACKING

Plastic Container

50 ml | 100 ml | 200 ml | 500 ml | 1 L | 5 L

TECHNICAL INFORMATION

| PROPERTIES | RESULTS |
|---|---------------------------|
| Physical state | Low Viscosity |
| Color | Colorless |
| Viscosity@ 25°C (Cps) | 70-120 |
| Hydrostatic burst strength* (Joint curing 2hr @RT) (ASTM D-2564) | >600 PSI (In 2" pipe) min |

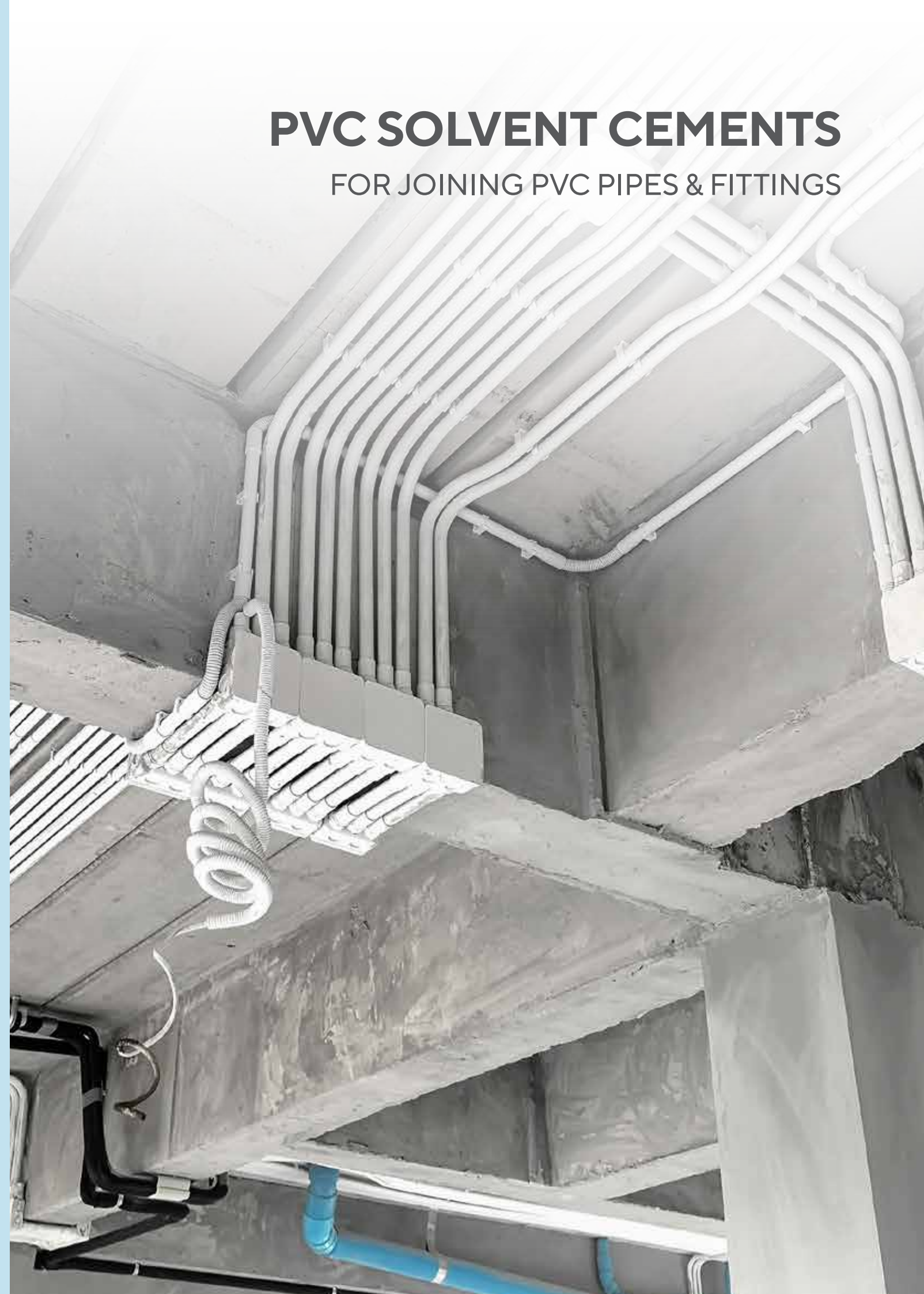
* Minimum requirement of Hydrostatic burst strength as per ASTM D 2564 is 400 PSI

USAGE

- Suitable for cold-water and non-pressure pipeline
- Suitable for all kinds of PVC pipes & fittings up to 4" diameter under pressure line and up to 8" diameter of all class of non-pressure pipelines
- Suitable for domestic plumbing, agriculture pipeline, boring application and door manufacturing

PVC SOLVENT CEMENTS

FOR JOINING PVC PIPES & FITTINGS





BONDSET SANITARY UNDER WATER

TWO-PART EPOXY PUTTY FOR WET AREAS

BONDSET SANITARY UNDER WATER is hand kneadable epoxy putty that mixes in one minute & used for fast repairing to damp, wet areas and underwater substrates. This industrial high-strength product and bonds tenaciously to wet surfaces. It can be applied under water and bond to various substrates such as fiberglass, metal, wood, concrete, ceramic, glass, etc.

ADVANTAGES



Low shrinkage



Easily cures under water



After just 60 minutes can be drilled, sawed, carved, sanded, stained or painted.



Excellent strength



Bonds & Seals various ferrous and non-ferrous substrate

SHELF LIFE

12 months from the date of manufacturing

PACKING

30 gm | 65 gm

TECHNICAL INFORMATION

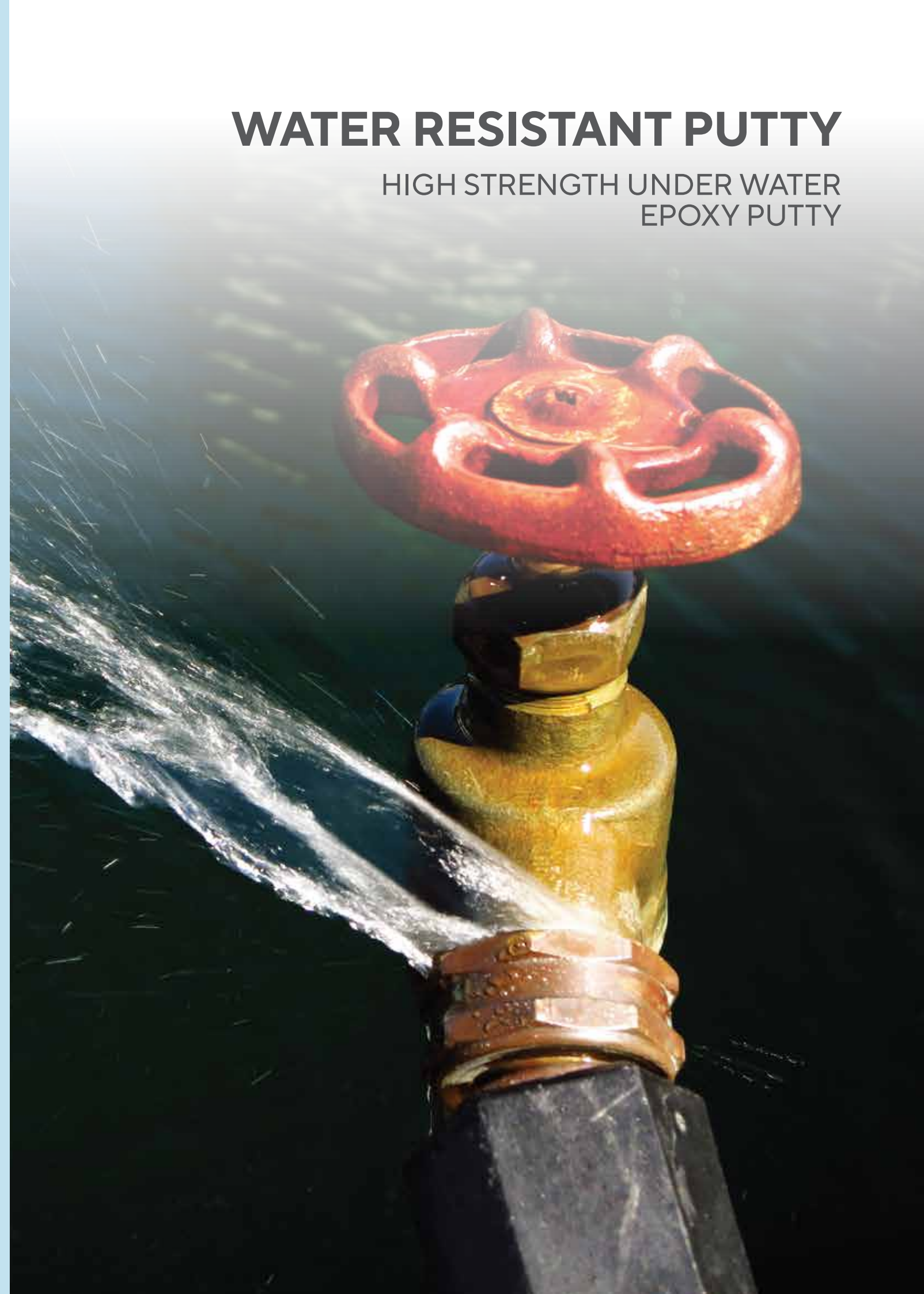
| COMPONENT | PART-A | PART-B |
|--|------------------|--------|
| Physical state | Putty | Putty |
| Color | Very light green | White |
| Sp. Gravity | < 2.0 | < 2.0 |
| Mixing Ratio (R:H) (By weight) | 100:100 | |
| Working time @ 25°C (min) | 8-12 min | |
| Setting Time @ 25° (min) | 18-20 min | |
| Shore-D-Hardness (@ 25°C(After 24 hours) | 80-85 | |
| Dielectric Strength @ RT (KV/mm) | > 10 | |
| Water absorption (%) | < 0.5 | |
| Compressive strength (@25°C, after 24 hours) (Kg/cm ²) | 320-360 | |

USAGE

- Any wet area or underwater application
- Construction application- sealing of CI pipe joints, sewage pipe lines, filling and repairing of ceramic tile joints, sealing water supply mains, concrete pipes, water head tanks
- Hose hold application- cooler tank, repairing, air conditioner, refrigerator cooker and fry pan handle, wash basin repairing, fixing of window glass, screw, etc.

WATER RESISTANT PUTTY

HIGH STRENGTH UNDER WATER
EPOXY PUTTY





RESITAPE PTFE TAPE

PTFE (TEFLON) TAPE THREAD SEAL

RESITAPE PTFE tape (also known as Teflon tape, or Plumber's tape) is a Polytetrafluoroethylene (PTFE) film tape commonly used in plumbing for sealing pipe threads.

ADVANTAGES



Light weight and easy to use



Gives leak-proof, tight lock threads.



High-temperature resistance



Acid & Chemical resistant

SHELF LIFE

12 Months from the date of manufacturing

PACKING

| | |
|-----------------------|-------|
| LENGTH | WIDTH |
| 5 Mtr 10 Mtr 20 Mtr | 12mm |

COLOUR
White

TECHNICAL INFORMATION

| PROPERTIES | RESULTS |
|---|-----------|
| Width (mm) | 12 |
| Thickness (mic.) | 80-100 |
| Temperature resistance (up to 300°C) | No effect |
| Acid resistance (24 hour in sulfuric acid) grade. | No effect |
| Density (g/cc) | 0.35-0.45 |

USAGE

- Mainly used for sealing pipes thread in water supply
- Sealing pipe threads in plumbing line and chemical line
- Sealing of threads in pressurized pipelines
- Pipelines of centralized cooling system

PTFE TAPE

FOR SEALING PIPE THREADS
IN PLUMBING





BOND-FIT WHITE

THREAD SEALANT

BOND-FIT WHITE is a single component, metal pipe joint sealing compound that prevents leakage and corrosion on threads of GI and CI pipes and fittings.

ADVANTAGES



Single component, ready to use



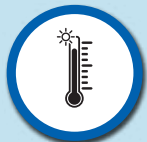
Gives leak-proof joints



Water-resistant and oil-resistant seal



Flexible after drying, easy to dismantle the joints



Withstands high-temperature and pressure

TECHNICAL INFORMATION

| PROPERTIES | VALUE |
|---------------------------------|----------------|
| Physical state | Viscous liquid |
| Appearance | Opaque |
| Color | White |
| Drying Time @25°C 60 µ (Second) | 60-80 |

USAGE

- Joining open and concealed GI and CI pipes and fittings

SHELF LIFE

18 months from the date of manufacturing

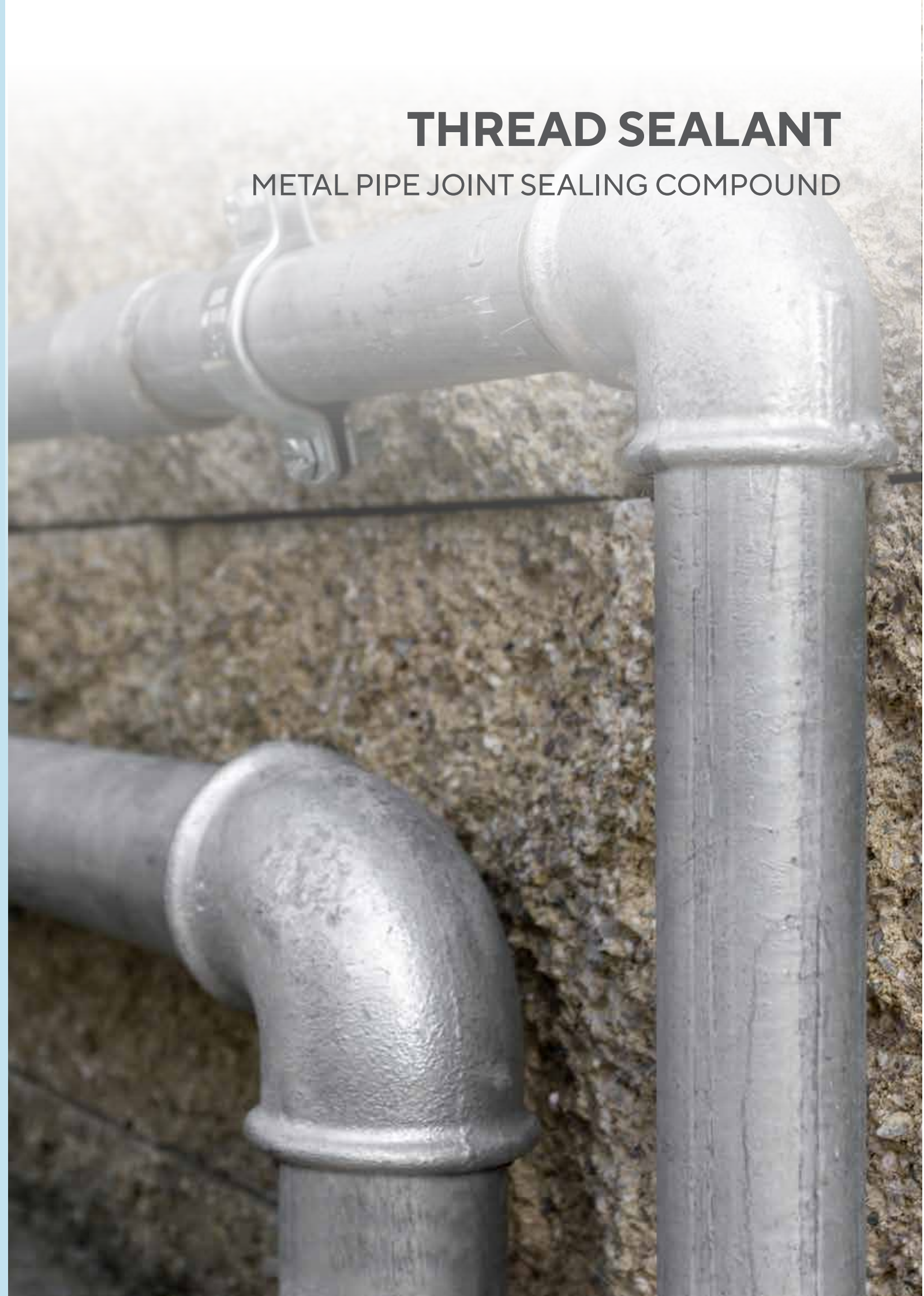
PACKING

PLASTIC CONTAINER

25 gm | 50 gm | 100 gm
200 gm | 500 gm | 1 kg

THREAD SEALANT

METAL PIPE JOINT SEALING COMPOUND





WHITE COLOR EPOXY SYSTEM

FOR CORE-CUTTING APPLICATIONS

BOND TITE WHITE PASTE

WHITE COLOR FILLED EPOXY SYSTEM

BOND TITE WHITE PASTE is a two-component, white color filled epoxy system. It is water-resistant, having no problem of shrinkage, migration, pull away, etc. It is ideal product for core cutting application as it gives a waterproof bond between Concrete & PVC Pipes.

ADVANTAGES



Excellent strength



Dry cement pigment can be added to achieve desired color



No shrinkage



Easy to sand & drill



Bonds Marble, Concrete, PVC, Glass & Metal

SHELF LIFE

24 months from the date of manufacturing

PACKING

Tube

50 gm | 320 gm

Container

2 kg set | 10 kg set

TECHNICAL INFORMATION

| COMPONENT | PART-A | PART-B |
|--|----------------|----------------|
| Physical state | Viscous liquid | Viscous liquid |
| Appearance | Opaque | Opaque |
| Color | Super white | White |
| Viscosity @ 25°C (cps) | 150000-200000 | 100000-140000 |
| Potlife @25°C (100 gm Mass) (min) | 60-80 | |
| Hardening time | 08-10 | |
| Full Cure | 24hrs | |
| Mixing Ratio (R:H) (By weight) | 100:100 | |
| Shore-D-Hardness (@ 25°C (After 24 hours) | 75-85 | |
| Lap shear strength (@25°C, after 24 hours) (Kg/cm ²) | 100-150 | |

USAGE

- For sealing the core cutting area of PVC Pipe and Concrete
- Various marble working applications
- Making & Repairing of White Temples, white Marble work, etc.

