



# TECHNICAL DATA SHEET

## FORMCOVE™

Formcove™ is a plural component, low viscosity, quick cure urethane coving material. Extended potlife gives you plenty of time to mix in dry sand or quartz and be able to apply long runs of coving making it very user friendly. This versatile material is designed to be used to seal the wall and the floor creating a smooth transition in seamless flooring applications. Formcove™ is perfect for when the floor and walls are uneven and coving needs to conform to the contours and need to cover minor imperfections.

### BENEFITS AND FEATURES

- Tack free in 10-15 minutes, 24 hour recoat window
- Easy to mix one A to one B ratio
- Add dry sand or quartz to make cove
- Leave a very smooth, tight finish
- Extreme adhesion to substrate
- Any temperature cure
- Rapid return to service, no down time
- Follows contours of wall and floor

### PRODUCT PHYSICAL PROPERTIES

Tensile Strength	ASTM D412	4,000
Compressive Strength	ASTM D695	4,000 psi
Impact Resistance	ASTM D2794	450 lbs.
Flexibility (1/8 Mandrel)	ASTM D2794	Pass
Elongation %	ASTM D412	7%

### PRODUCT CURE TIMES

Tack Free Time @ 70 Degrees	10-15 Mins
Hard Dry	20-30 Mins
Re Coat	30-60 Mins

### ADHESION

ASTMD 4541 Elcometer	
Concrete Substrate Failure	550 PSI
Steel Delamination	700 PSI
Wood Substrate Failure	550 PSI

### SURFACE PREPARATION

New concrete must have a 28 day and clean of and debris before filling. In the case of older concrete flooring, remove all surface oils, paint, dust and debris. Hand grind all edges and prepare all vertical applications before applying products. Vacuum to remove any dust and debris prior to mixing products.

### RECOMMENDED COVERAGE RATES

Coverage rate will vary greatly on every job depending on height of cove and substrate being applied to. Form Cove can be applied from ¼ round to 6" vertical applications.

### MIXING RATIO OF 1 PART A : 1 PART B

Always pre mix each side before use. Depending on the size and linear feet to be coved, the mixing size will vary. Standard mix is 8oz part A and 8oz part B of Form Cove. Mix material for 1 minute before adding dry sand or quartz into. Add dry sand or quartz to material using a low speed drill with paddle style mixer. Standard sand or quartz add mixture is between 40oz-48oz depending on personal application. Mixture will be a thick but smooth applied towel grade material. If needed, add more sand or add up to 5% acetone to reduce viscosity. If product is not thick enough it can sag and fall off wall. Always test a small section of the Form Cove before application. Once material has set for 5-10 minutes, use a chip brush with acetone and smooth out edges and imperfections to create a feather edges on all walls and floor. This will fill in all low spots and contour to all imperfections on the floor and wall. Once cured, a rub stone can be used to remove any extra imperfections and smooth the application process. Any of Penntek's basecoat can be applied over material after final cure.

### REDUCERS

Formcove™ should not be reduced

### STORAGE

All containers should be stored at 40° F to 95° F and be kept tightly sealed and out of direct sunlight. Shelf life of unopened containers is 12 months.



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### PACKAGING

Available in 2 and 10 gallon kit. Dry sand will need to be purchased separately

### CLEAN UP

All tools should be cleaned with MEK or Acetone as soon as possible after application.

### WARRANTY

Penntek Industrial Coatings warrants to the purchaser of its products that such products are free from manufacturing defect. Penntek Industrial Coatings does not warrant or guarantee the workmanship performed by any person or firm installing its products. Penntek Industrial Coatings obligation under this warranty is limited solely to the original purchaser and solely to the remedy of replacement in kind of any product which Penntek Industrial Coatings sold which may prove defective in manufacture within one year from date of installation, provided said product was stored correctly and installed within the product's shelf life, by the original purchaser and which Penntek Industrial Coatings examination shall disclose to Penntek Industrial Coatings satisfaction to be thus defective.

**Please read material safety data before using product.**

### Disclaimer:

All statements and recommendations are based on contractor experience and is believe to be reliable. Penntek Industrial Coatings make no warranty, expressed or implied, as to results or hazard from its use. The suitability, risk and liability whatsoever of a product for it's intended use shall be solely up to the User. Penntek Industrial Coatings reserves the right to investigate any misuse of products and information.