

# CONCAP

## Product Description:

CONCAP is a heavy fibrous glass mat bonded together with a resinous binder and completely coated with a weathering grade asphalt. The reinforcing glass mat consist of glass fibers that are uniformly distributed and aligned to impart strength in all directions while displaying excellent dimensional stability throughout. CONCAP is surfaced on the weathering side with opaque, inert, noncombustible colored granules.

## Product Uses:

CONCAP is intended to protect the underlying bitumen and plies from the effects of weather. Typical uses include installation over industrial, manufacturing, office and school buildings.

## Product Compliances:

U.L. listed for use as a component in a Class "A" fire rated roof assembly. All rolls shall be labeled with the U.L. mark. Approved and listed for use in F.M. rated roof membrane assemblies. All rolls shall carry the F.M. approval marking. CONGLAS CONCAP meets or exceeds all requirements of ASTM D 3909

## Product Features/Benefits:

- Lightweight
- Glass based - totally inorganic.
- Highest possible fire ratings.
- Won't rot or deteriorate.
- Ease of maintenance

## Packaging:

CONGLAS CONCAP weighs 75 lbs. per roll. One roll covers one roofing squares (108 sq. ft.). Each roll shall have factory applied 2" lap stripes. All rolls to be labeled with U.L., F.M. and other markings as appropriate.

### Physical Properties\* in compliance with ASTM D3909-95

|    |  |                          |
|----|--|--------------------------|
| A. | Approx. weight/roll: .....   | 75 lbs.                  |
| B. | Area/roll: .....   | 100 sq. ft. (1 sq./roll) |
| C. | Seam width: .....  | 2"                       |
| D. | Reinforcement: .....   | Glass Mat                |
| E. | Thickness: .....   | 125                      |
| F. | Mass per unit area of desaturated glass felt, min., lb/100 ft <sup>2</sup> (g/m <sup>2</sup> )<br>.....  | 1.7 (83)                 |
| G. | Mass per unit area of granule-surfaced sheet, min., lb/100 ft <sup>2</sup> (g/m <sup>2</sup> )<br>.....  | 24 (1170)                |
| H. | Mass per unit area of mineral matter passing a 3.35-mm (No. 6) sieve and retained on a 212-um (No. 70) sieve, min., lb/100 ft <sup>2</sup> (g/m <sup>2</sup> ) ..... | 24 (1170)                |
| I. | Mass of mineral matter passing a 212-um (No. 70) sieve based on the mass of the coating asphalt and the mineral matter passing the 21-um (No. 70) sieve, max, %55    |                          |
| J. | Moisture at point of manufacture, max., % .....  | 1.0                      |

\*Conglas CONCAP meets these specifications as minimum requirements

## Product Application:

- CONCAP is recommended to protect the underlying bitumen and plies from the effects of weather.
- Apply CONCAP with 2" side laps and 4" on ends.
- CONCAP sheets shall extend to the top of cant and shall be solid mopped to underlying plies.
- Asphalt is applied at a nominal rate of 25 lbs. per 100 square feet.
- All application requirements from the Conglas "General Requirements" are considered part of these specifications.

## Precautions/Limitations:

- Do not apply when moisture is present.
- Cold weather applications may require some material relaxation prior to final application.
- CONCAP should be cut into 12-18 foot lengths and 'flopped' into place. Shall not be set and rolled' without first cutting and rerolling.