



PROTECT EXTERIOR SURFACES FOR YEARS WITH A

SEAMLESS WATERTIGHT SOLUTION



WHY APPLY COLPHENE H...

- Stops Moisture Penetration Year-Round
- Prevents Early Deterioration of Substrate
- Forms a Tough, Flexible, Seamless Membrane



APPLICATIONS:

COLPHENE H is used in many industrial, commercial and institutional applications:

- Plaza/parking decks
- Terraces or balconies
- Split-slab construction
- Below-grade foundation walls
- Bridge decks and tunnels
- Green roofs and planters
- Roof decks in an inverted roof assembly
- Underground vaults

ADVANTAGES:

COLPHENE H is a hot-applied, rubberized asphalt waterproofing membrane with multiple advantages:

- Fully bonds to the exterior surface, restricting moisture penetration
- Conforms to irregular surfaces and bridges non-working cracks
- Contains 100% solids with no solvents
- Easy to apply by a certified contractor
- No change in viscosity, moisture penetration or flexibility after aging
- Meets UL Class A standards
- Up to 20-year, One-Source Warranty
- Recycled content (LEED)



Conservation-minded manufacturers of products used by the building industry evaluate the impact of their products on the environment during the lifespan of a building (from manufacturing to construction, operation and demolition).

SOPREMA contributes to environmental protection and sustainable construction by manufacturing high quality products that meet the highest environmental standards. The Ginkgo Biloba leaf is the symbol selected by SOPREMA to represent its ecological commitment. This ancient oriental tree represents sustainability, health, aesthetics and resistance to attack.

SOPREMA was one of the first roofing manufacturers to establish an *Environmental Management Program*, and the first modified bitumen manufacturer to be ISO 14001 certified for its environmental management practices. SOPREMA's global research facilities are developing products made from renewable resources and recycled materials to reduce SOPREMA's carbon footprint.

colphene H



LOS ANGELES SCIENCE CENTER

SOPRANATURE COMBINES SOPREMA'S SUPERIOR WATERPROOFING TECHNOLOGY WITH THE ENVIRONMENTAL BENEFITS OF GREEN ROOFING. THE LOS ANGELES SCIENCE CENTER CONSISTS OF A FULLY-REINFORCED COLPHENE H WATERPROOFING ASSEMBLY AND SOPRADRAIN ECO-VENT WR, A SPECIALLY DESIGNED, WATER-RETENTION DRAIN BOARD THAT RETAINS RAIN WATER TO RE-HYDRATE THE VEGETATION, THUS REDUCING THE AMOUNT OF ADDITIONAL WATER NEEDED FOR IRRIGATION OF THE ROOF PLANTS.

SYSTEM COMPONENTS:

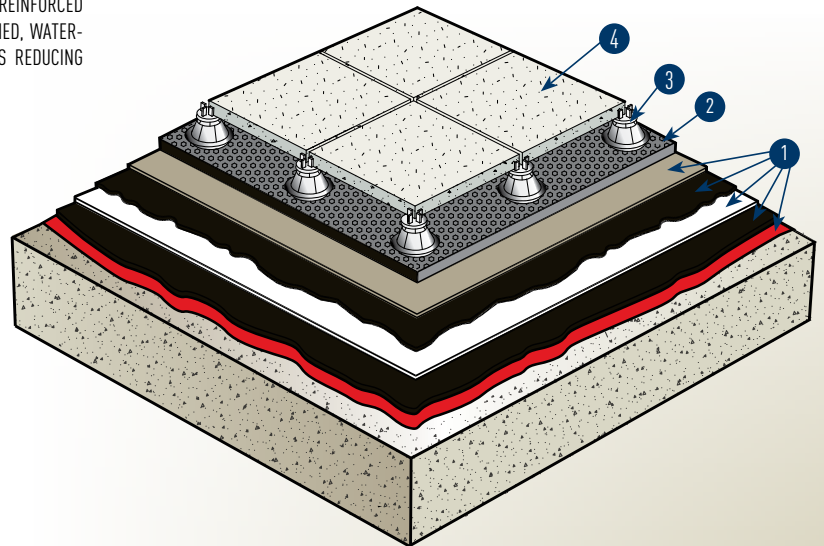
- Primer**
 ASTM D41 Asphalt Primer.
- COLPHENE H**
 A hot, fluid-applied, seamless membrane composed of recycled crumb rubber and inert clay filler that cures to form a tough, flexible, fully-adhered waterproofing membrane.
- COLPHENE-FLASH R**
 A spun-bonded, polyester/nylon mat used to reinforce COLPHENE H waterproofing membrane.
- Elastophene Protection Course**
 This heavy duty SBS modified bitumen membrane is reinforced with either fiberglass or polyester and provides superior protection from heavy construction traffic and overburden materials.
- Sopradrain Eco-Vent Drainage Boards**
 A prefabricated drainage panel composed of recycled polypropylene core and high performance geotextile fabric which provides excellent compressive strength and long lasting durability.
- Architectural Pavers**
 SOPREMA's architectural pavers are hydraulically pressed and offer high compressive strength, low water absorption and an aesthetically pleasing, finished appearance.

Composite materials form COLPHENE H

The durability and flexibility of COLPHENE H comes from a specially selected blend of refined asphalts, recycled crumb rubber and mineral stabilizers. This composite cures to form a seamless, permanent elastomeric membrane. It is bonded to the substrate to prevent lateral migration of water.

Time-proven system

COLPHENE H has become a staple in the construction and refurbishment of commercial structures whenever a long-lasting, watertight solution is needed. Time proven COLPHENE H has been applied both above and below grade in buildings, parking decks, bridge decks, tunnels and more.



COLPHENE H SYSTEM WITH PAVERS

- APPROVED COLPHENE H ASSEMBLY (TYP)**
 PRIMER
 COLPHENE H (90 MILS)
 COLPHENE-FLASH R
 COLPHENE H (125 MILS)
 ELASTOPHENE SANDED
- SOPRADRAIN ECO-VENT**
- PEDESTALS**
- SOPREMA PAVERS**

COMPLETE WATERPROOFING SOLUTION FOR VIRTUALLY ANY COMMERCIAL STRUCTURE



SBS Modified Bituminous
Sheet waterproofing



COLPHENE 3000
Self-adhesive membrane
for foundation waterproofing



COLPHENE ICF
Self-adhesive membrane
for insulated concrete
form waterproofing



COLPHENE BSW
Blind side waterproofing
applications



COLPHENE TORCH N' STICK
SBS modified bituminous
membrane uses on
foundations walls and
other vertical below grade
concrete surfaces



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WHY SOPREMA . . .

SOPREMA's quality is known and respected for over 100 years and in more than 80 countries worldwide.

Our products meet the waterproofing challenges of the building envelope. With our team of experienced manufacturer's

representatives and trained technical staff, SOPREMA maintains its strong relationship with both architects and contractors in ultimately



providing the owner with a quality waterproofing system.

Viaduc de Langwies, Switzerland

This reinforced concrete railway bridge on the Coire-Arosa line in Switzerland was waterproofed with a Mammouth membrane when it was built in 1912. The latest inspection by Swiss Railways showed no need for it to be renewed.

