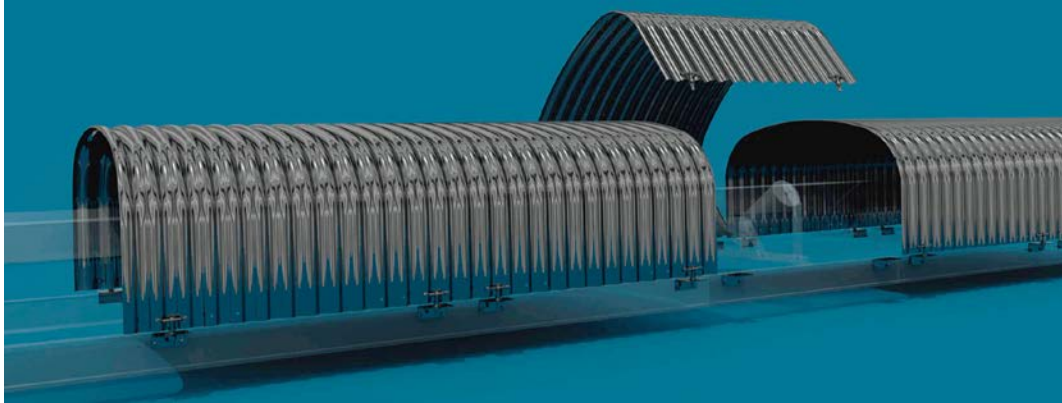


K-AllShelter® Conveyor Belt Covers



ENVIRONMENTAL PROTECTION / MOISTURE CONTROL SOLUTIONS

Conveyor belts exposed to harsh and unpredictable weather conditions like sun, water and wind can cause issues of material run back and damaging material spillage, which can ultimately deteriorate your operational bottom line.

Concrete Batching

Maintaining and controlling the **moisture level** of conveyed bulk materials is a key consideration in concrete batch plants and is imperative to ensuring a consistent, high quality final product.

Quarrying Operations

Quarrying operations rely heavily on a dry product throughout the crushing and screening process. **Excessive moisture** can also lead to screen blinding and clogging issues, blockages and hang ups can quickly occur within chutes resulting in costly production down-time and maintenance issues.

K-AllShelter® Conveyor Belt Covers provides robust and durable protection from extreme environmental elements and helps to control moisture levels of conveyed materials.

Conveyor Belt Covers offers an effective, safe and economical solution to personal hazard prevention from moving parts and conveyed material.

These covers can also provide a barrier, aiding airborne dust reduction as well as personnel and environment protection.

K-AllShelter® Conveyor Belt Covers are manufactured using a wide range of optional materials and engineered to shed water giving you years of rust-free service and can be custom made to suit all belt widths and models.



K-AllShelter® Conveyor Belt Covers

K-AllShelter® Conveyor Belt Covers

Key Benefits:

Safety

Covering conveyor belts reduces the risk of work-related accidents by reducing traffic and access.

Sustainability

Highly effective passive airborne dust emission reduction solution, with no resource or energy consumption.

Environmental protection

Longer lasting components

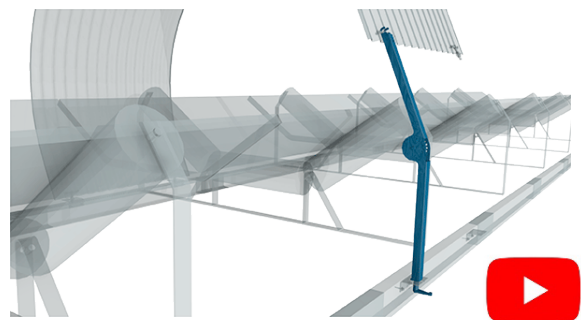
Covered belt conveyors results in less wear on conveyor components as well as acting as a safeguard against UV damage to the belt.

Reduction of material loss

Materials

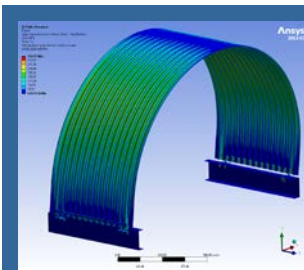
- Galvanised Steel
- Pre-Lacquered Steel (*for visual impact*)
- HPS 200 High Performance Steel
- Stainless Steel 304
- Stainless Steel 316
- Fibre Reinforced Polyester
- Aluminium

K-AllShelter® Safety Strut



Accessories

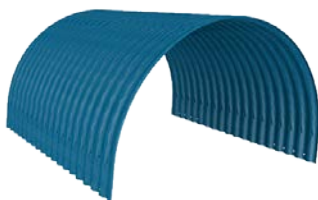
A range of accessories are available contact Kinder.



Site specific wind load report available to confirm compliance to Australian Standard for wind loading (AS 1170.2:2021). Analysis uses Finite Element Method (FEA/FEM) to determine strength and stability. Detailed report provided outlining the FEA model, design load calculations, safety factors and results as confirmation of compliance.

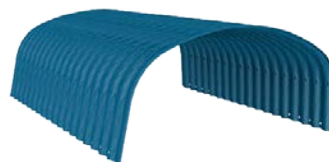
Formats

Classic



Semicircular shape, 180°



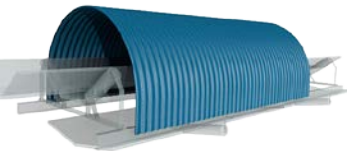
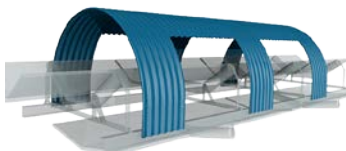
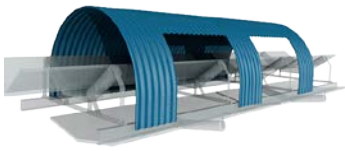
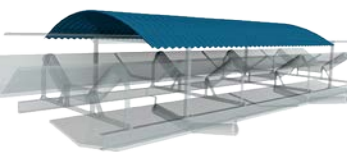

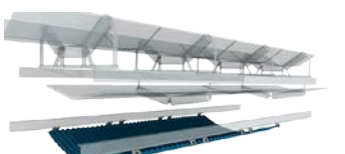
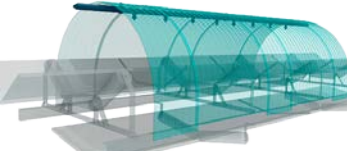
Plus



The plus model has a dual radius reducing the overall height thus resulting in a lower profile that is less affected by wind loading.

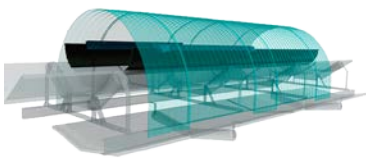
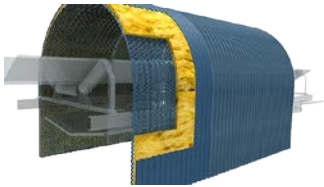

K-AllShelter® Conveyor Belt Covers

Available Models

Madrid  <p>Patented design, versatility and strength have turned this model into an industry standard throughout the world of belt conveyors.</p>	Paris  <p>This design was created for installation in cases in which access from both sides of the belt was not possible.</p>	Dakar  <p>Our most economic systems. Completely closed: the cover covers 180°, up to the conveyor belt frame.</p>
Berlin  <p>Inspection access on both sides: the cover only covers the upper part of the belt, leaving both sides free for maintenance.</p>	Durban  <p>Inspection access from one side: the cover covers the upper part and one side of the conveyor belt, leaving one side free for maintenance.</p>	Capoarc  <p>Roof-type cover installed to cover only the upper part of the conveyor belt. It can be secured to load guides or any other existing structure.</p>
Caposide  <p>Return belt enclosure: Eliminates return belt misalignment due to external wind pressure.</p>	Capotray  <p>Safety protection: Prevents from accidental manipulation of the return belt.</p>	Capofire  <p>Cover adapted to any fire-extinguishing system available on the market.</p>

K-AllShelter® Conveyor Belt Covers

Available Models Continued

Caposkirt  Auto-adaptable to belt movement	Caponoise  Fully sealed with the belt and cover	Capobig  Total access to the interior
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Adaptable to any size and shape of conveyor belt. Available for any of our models, materials and colours.

Fixings

C-1 Lock Hinge



C-2 Standard Hinge



C-5 Self-Drilling Screw



C-6 Clamp



C-7 Ergonomic Hook With Strap



C-8 Ergonomic Hook with Pin



C-9 Hook



Please note:

Please consider cross wind and extra load prior to conveyor belt cover installation.

For further information relating to wind loading requirements and safety considerations, please contact Kinder Australia.