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DARVISH
LGS

PRODUCT
CATALOG



DARVISH LGS

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About Us

Darvish LGS, based in Barrie, Ontario, is a leading innovator in the construction and manufacturing industries. We are committed to revolutionizing the building sector by providing high-quality building materials and systems that are designed with advanced engineering and manufacturing techniques. Our mission is to set new standards for efficiency, sustainability, and cost-effectiveness in the construction industry, enabling faster, smarter, and more reliable building processes. With a state-of-the-art 100,000 square foot factory, Darvish LGS offers a wide range of products including wall frames, roof trusses, floor joists, metal tracks and studs, decking systems, and cladding solutions. We also specialize in providing temporary and permanent structures, making us a versatile partner for projects ranging from residential housing to large-scale industrial developments. Our vision is to become a global leader in manufacturing and construction solutions, recognized for our excellence in innovation and

customer satisfaction. As we continue to expand our reach across Canada and internationally, we remain dedicated to contributing to sustainable development through our commitment to high-quality, eco-friendly building practices. Darvish LGS: Innovative Engineering, Faster Construction. Mission To revolutionize the construction and manufacturing industries in Canada by providing innovative and high-quality building materials and systems with advanced manufacturing systems that ensure efficiency, sustainability, and cost-effectiveness. Our commitment is to build smart and fast, setting new standards for the industry. Vision To become a global leader in manufacturing and construction solutions, recognized for our excellence, innovation, and customer satisfaction. We aim to expand from Ontario to the rest of Canada and beyond, with innovative engineering, reliable quality, and high efficiency, contributing to sustainable development worldwide.



About Cold Formed Steel (CFS)



What is Cold-Formed Steel Framing?

Cold-formed steel (CFS) is produced by rolling structural-quality sheet steel through a series of dies to form C-sections and other shapes without the use of heat, hence the term "cold-formed." This manufacturing process results in a high-strength, lightweight material that retains its structural integrity over time. Darvish LGS 's CFS framing components are available in various thicknesses, allowing for both structural and non-structural applications that cater to different building requirements.

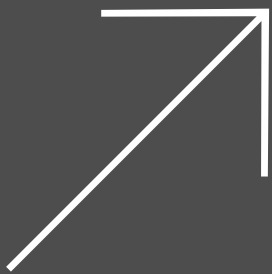
Why Choose Cold-Formed Steel?

Our Cold-Formed Steel Framing Systems offer numerous advantages over traditional materials:

Durability: Unlike wood, CFS does not shrink, split, or absorb moisture, making it resistant to warping, termites, and fire. This makes it ideal for long-lasting construction that maintains structural stability.

Strength and Flexibility: The high strength-to-weight ratio of CFS allows for reduced material usage without compromising safety. It can be used in diverse environments, including areas prone to high winds and seismic activity.

Consistency and Quality: As a uniformly manufactured product, CFS is consistent in quality, resulting in less waste on the job site. All leftover material is recyclable, further minimizing environmental impact and reducing project costs.



DV-LGS STRUCTURAL STEEL FRAMING SYSTEM





About DV-LGS Structural Steel Framing System

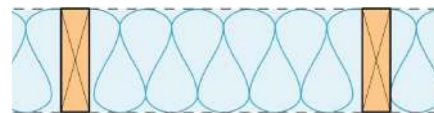
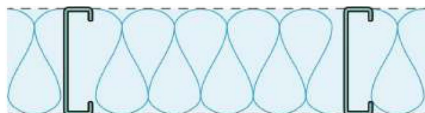
At Darvish LGS our core product offering is our advanced Cold-Formed Steel (CFS) Framing Systems, designed to meet the needs of modern construction. CFS framing is lightweight, durable, and versatile, making it the material of choice for a wide range of projects, from residential homes to mid-rise buildings and large commercial structures. Our CFS systems are crafted with precision, ensuring strength, flexibility, and sustainability—all hallmarks of DarvishLGS's commitment to innovative construction solutions.



One of the most important choices in any construction endeavor is selecting the right framing material, typically between steel and wood. Below is the information you need to compare steel and wood framing, enabling you to make informed decisions for your next project.

Steel Framing vs. Wood Framing: How Do They Stack Up?

Because the frame forms the core of any building, it must be both dependable and secure. Steel and wood each offer benefits and drawbacks in areas like cost, durability, sustainability, and flexibility during construction.





Flexibility in Design

Cold-formed steel (CFS) is widely regarded as one of the most adaptable construction materials. Architects and designers favor it for its consistent quality, strength, and reliability. By utilizing the DV-LGS system, design teams can easily transform their concepts into reality using CFS framing. Thanks to the inherent strength of metal frames, cold-formed steel is often a superior option when compared to wood.



Long-Term Durability

Wooden structures are vulnerable to rot, and mildew. Cold-formed steel, on the other hand, does not absorb moisture, making it more stable and resilient over time. While steel can be susceptible to corrosion, modern zinc coatings effectively prevent rust. When it comes to durability, CFS stands out as an excellent choice.



Structural Integrity

Steel framing is designed to endure. Buildings with steel frames experience fewer shifts over time because steel does not twist, warp, shrink, or buckle. Timber frames, in contrast, can distort as the wood continues to dry and shrink for years after harvesting. Although all construction requires a long-term view, structures built with steel framing and CFS are particularly robust.



Prioritizing Sustainability

Eco-friendly practices are increasingly central to modern construction. While wood framing is sometimes viewed as a natural choice, it often generates substantial waste. Steel framing, by comparison, can be manufactured with minimal offcuts, which are then reused or recycled. Furthermore, timber frames are typically treated with chemicals to protect them from insects and other threats, whereas steel requires no such treatment.



Labor Expenses

In your construction project, the cost of labor will drive return on investment and be a key deciding factor. Though wooden frames are also seen as easy to construct and often don't require highly skilled labor, the same is true with steel, which with the frames being much lighter, there can be less labor required onsite.

Even more labor cost savings can be achieved by moving framing offsite. The frames are assembled as a part of a manufacturing process and then shipped to site to be assembled. This results in a higher labor utilisation, productivity and ultimately a lower cost.

DARVISH LGS

Cold-Formed Steel Systems

At Darvish LGS, we provide advanced technology Cold-Formed Steel (CFS) systems, delivering high-quality, economical, and durable solutions for your construction projects. Our product line includes Panel Systems (wall panels), Joist Systems (flooring systems), and Roof Systems (truss systems).



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Panel System

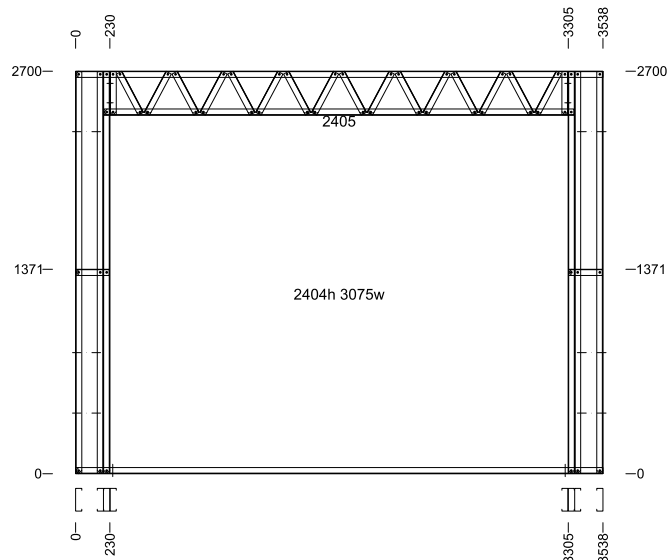
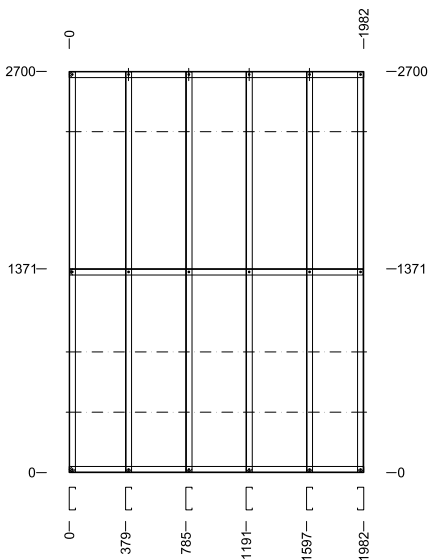
Our Cold-Formed Steel Wall Panel systems stand out due to their lightweight design, durability, and rapid installation capabilities. Supported by Framacad technology during design and manufacturing, these panels are ideal for both commercial and residential projects, suitable for exterior walls and interior partitions. They deliver excellent energy efficiency and fire resistance.

Key Features:

Fast and easy installation

High strength-to-weight ratio

Enhanced energy efficiency and sound insulation





Joist System

Darvish LGS Joist Systems offer lightweight construction, superior strength, and the capability to span long distances, making them ideal for flooring and mezzanine levels. Utilizing Cold-Formed Steel significantly reduces installation time and labor costs compared to traditional methods. These systems are compatible with various floor coverings and provide excellent load distribution.

Key Features:

Easily spans long distances

Cost-effective and rapid installation

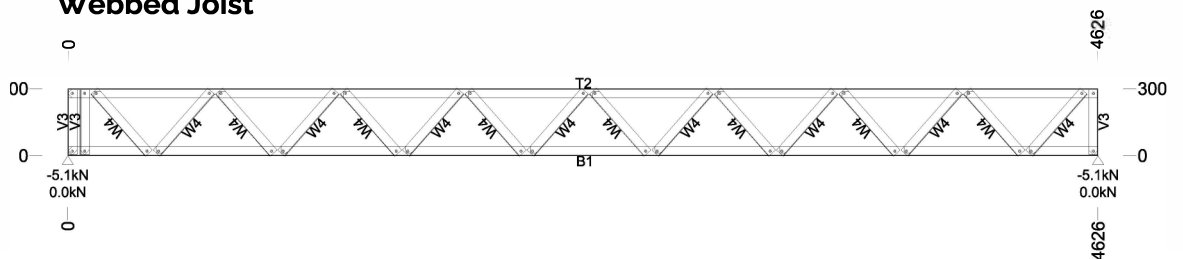
Exceptional strength and durability



Cee Joist



Webbed Joist



R

Roof System (Truss System)

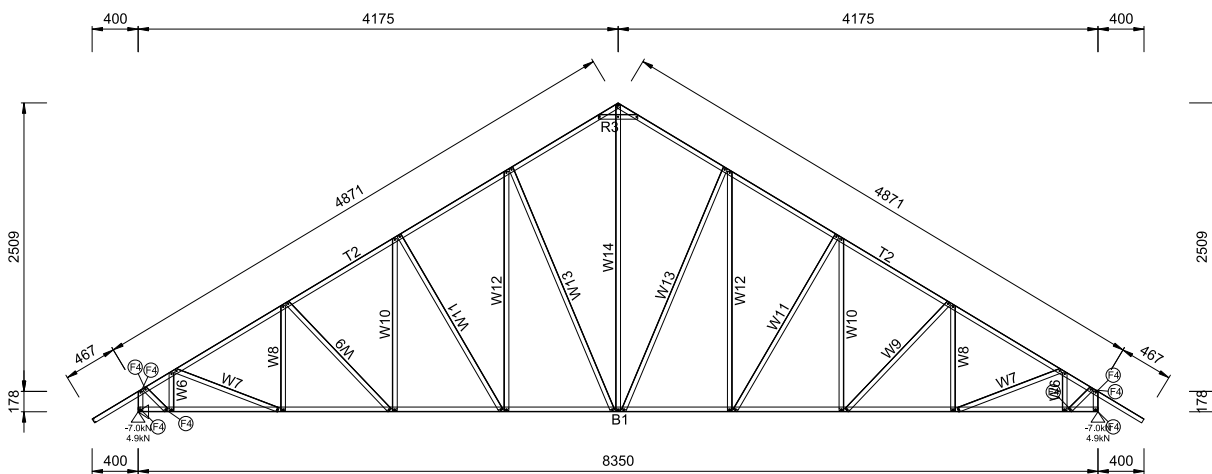
Our Cold-Formed Steel Roof Systems (trusses) efficiently handle and distribute roof loads due to their lightweight steel technology. Precision manufacturing minimizes the possibility of installation errors. Customizable truss designs meet architectural demands, providing superior durability and cost-effectiveness.

Key Features:

Lightweight and robust

Quick and precise installation

Custom-designed flexibility



Applications of DV-LGS Cold-Formed Steel Systems

Darvish LGS's Cold-Formed Steel Framing Systems are highly versatile and can be utilized across a variety of construction projects.



Residential

CFS is perfect for single-family homes and multi-family developments, offering a reliable and efficient alternative to traditional wood framing.

Mid-Rise Buildings

Ideal for student dormitories, hotels, and apartment complexes, our systems provide strength and durability while enabling faster construction times.



Commercial and Industrial

From retail spaces to manufacturing facilities, our CFS framing solutions can handle heavy loads and complex designs with ease.

Special Projects

CFS is an excellent choice for post-disaster and emergency housing due to its quick assembly and lightweight properties, allowing for rapid deployment in urgent situations.





RESIDENTIAL



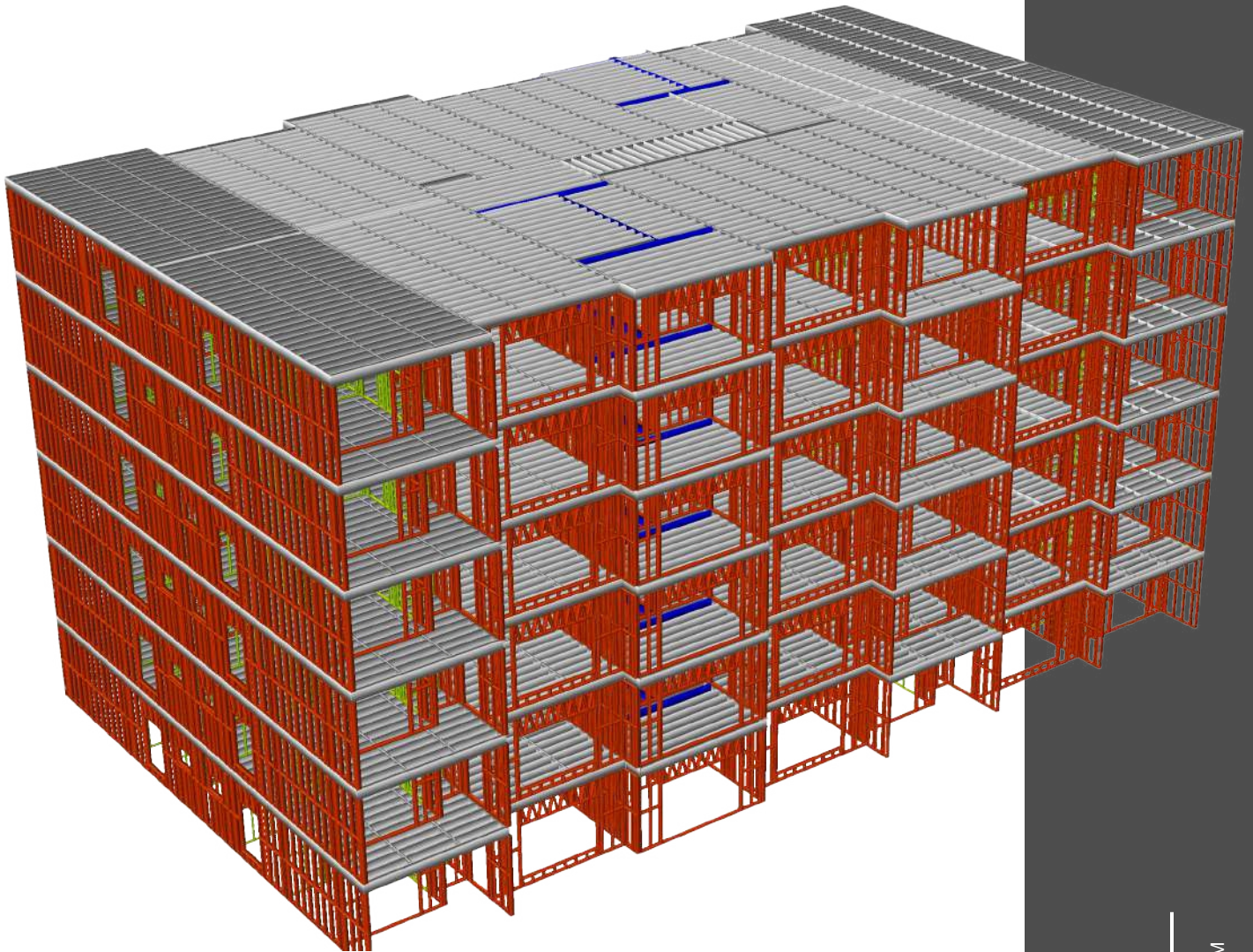
Why Should You Choose CFS for Residential Buildings?

Ideal for areas prone to natural disasters (e.g., earthquakes, hurricanes, and fires). Meets stringent building codes while providing flexibility in design.

Reduces long-term costs due to its durability and low maintenance requirements.



MID-RISE



Why Should You Choose CFS for Mid-Rise Buildings?

Cold-Formed Steel is an excellent choice for mid-rise buildings due to its strength, durability, and flexibility. Its ability to meet modern design and safety standards while being sustainable and cost-effective ensures that it continues to grow in popularity for mid-rise construction projects.

COMMERCIAL AND INDUSTRIAL



Why Should You Choose CFS for Commercial and Industrial Buildings?

Cold-Formed Steel is an excellent choice for commercial and industrial buildings due to its strength, adaptability, speed of construction, and compliance with safety standards. Its lightweight, durable, and sustainable properties make it ideal for a wide range of applications, from warehouses to office buildings..



SPECIAL PROJECTS



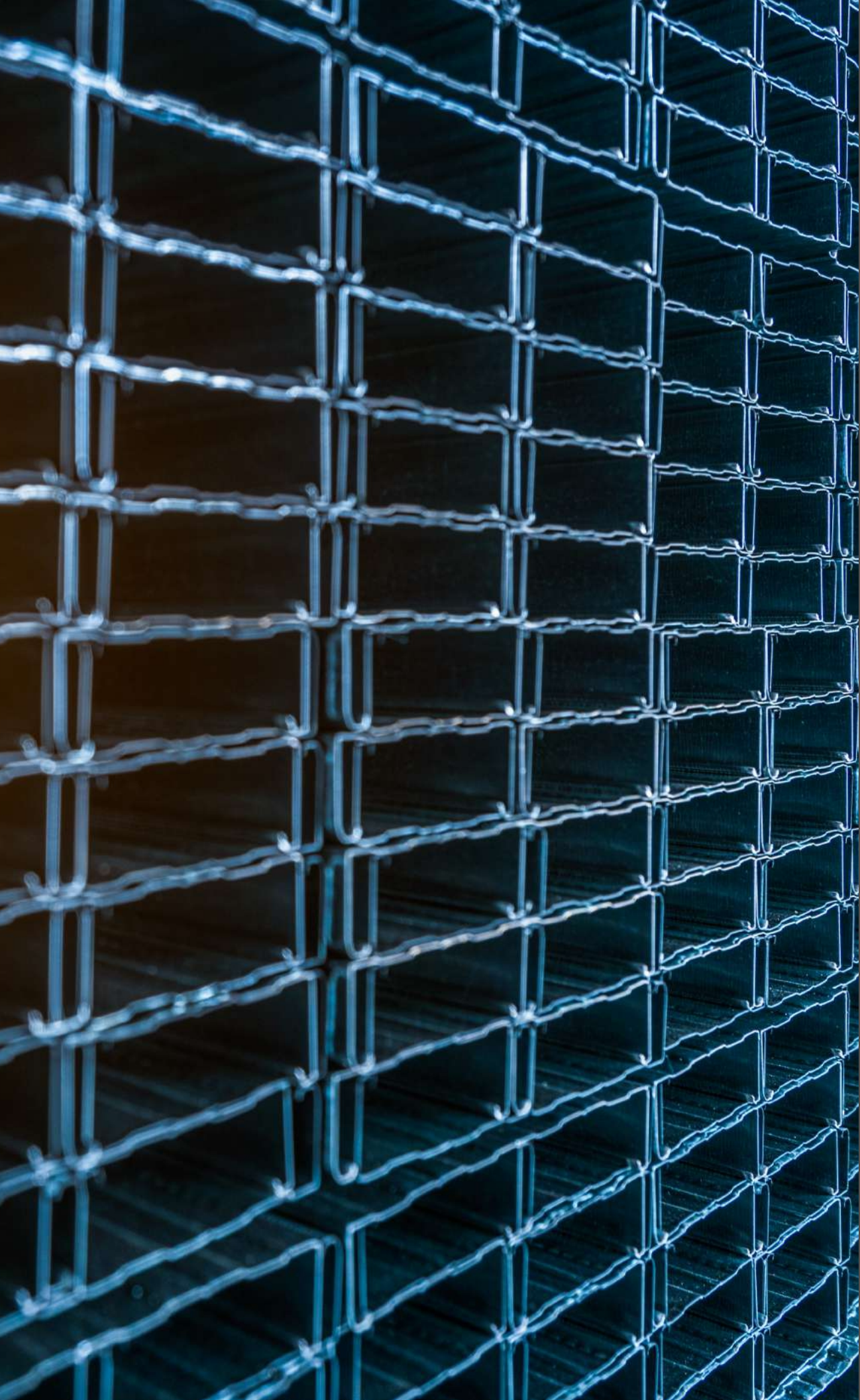
Why Should You Choose CFS for Special Projects Buildings?

Cold-Formed Steel is the perfect choice for special projects due to its adaptability, strength, and sustainability. Whether the goal is an innovative architectural design, a disaster-resistant structure, or a sustainable building, CFS delivers on all fronts while meeting the unique demands of special projects.

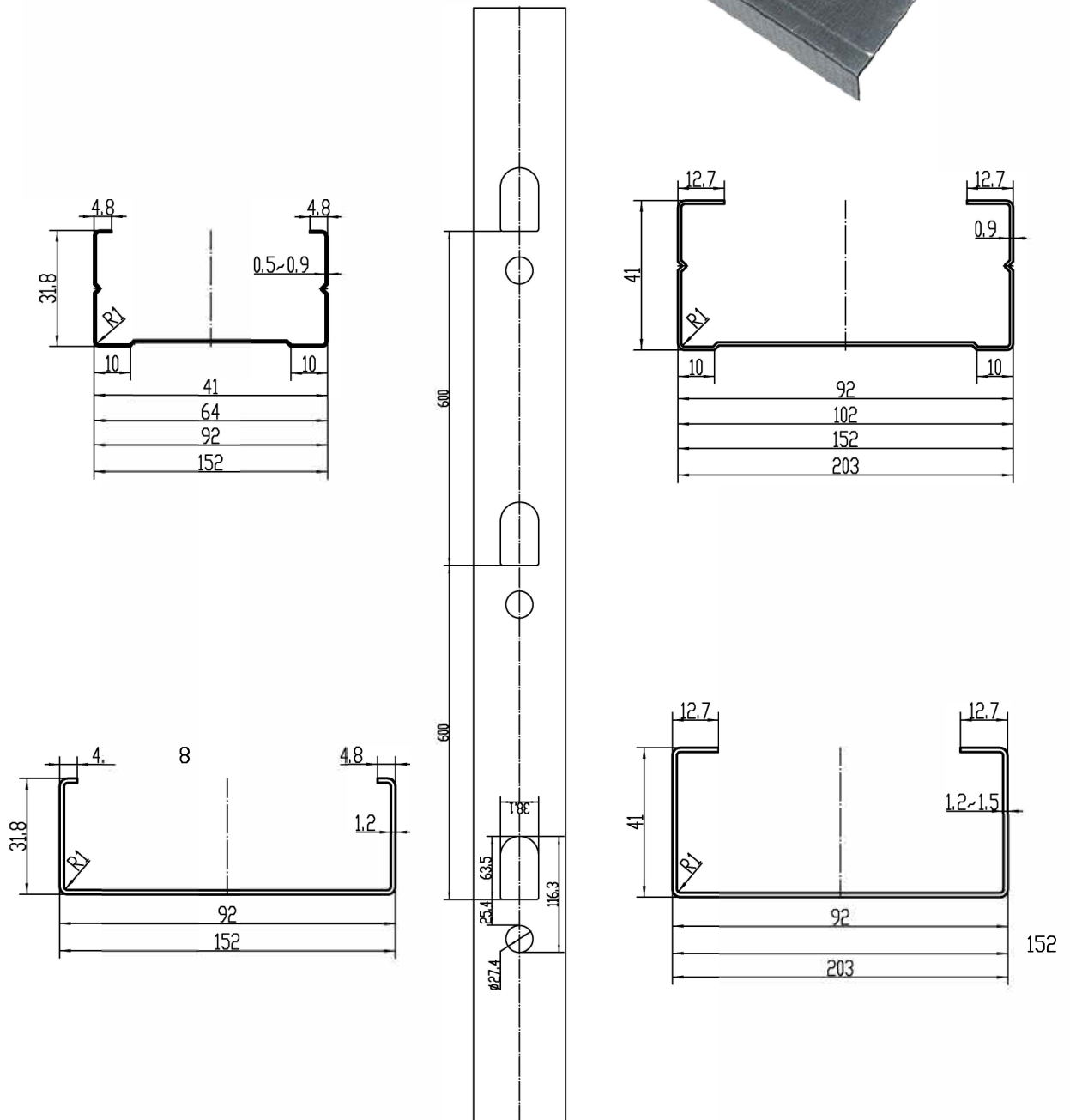


DRYWALL
STEEL STUDS & FRAMING

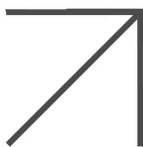
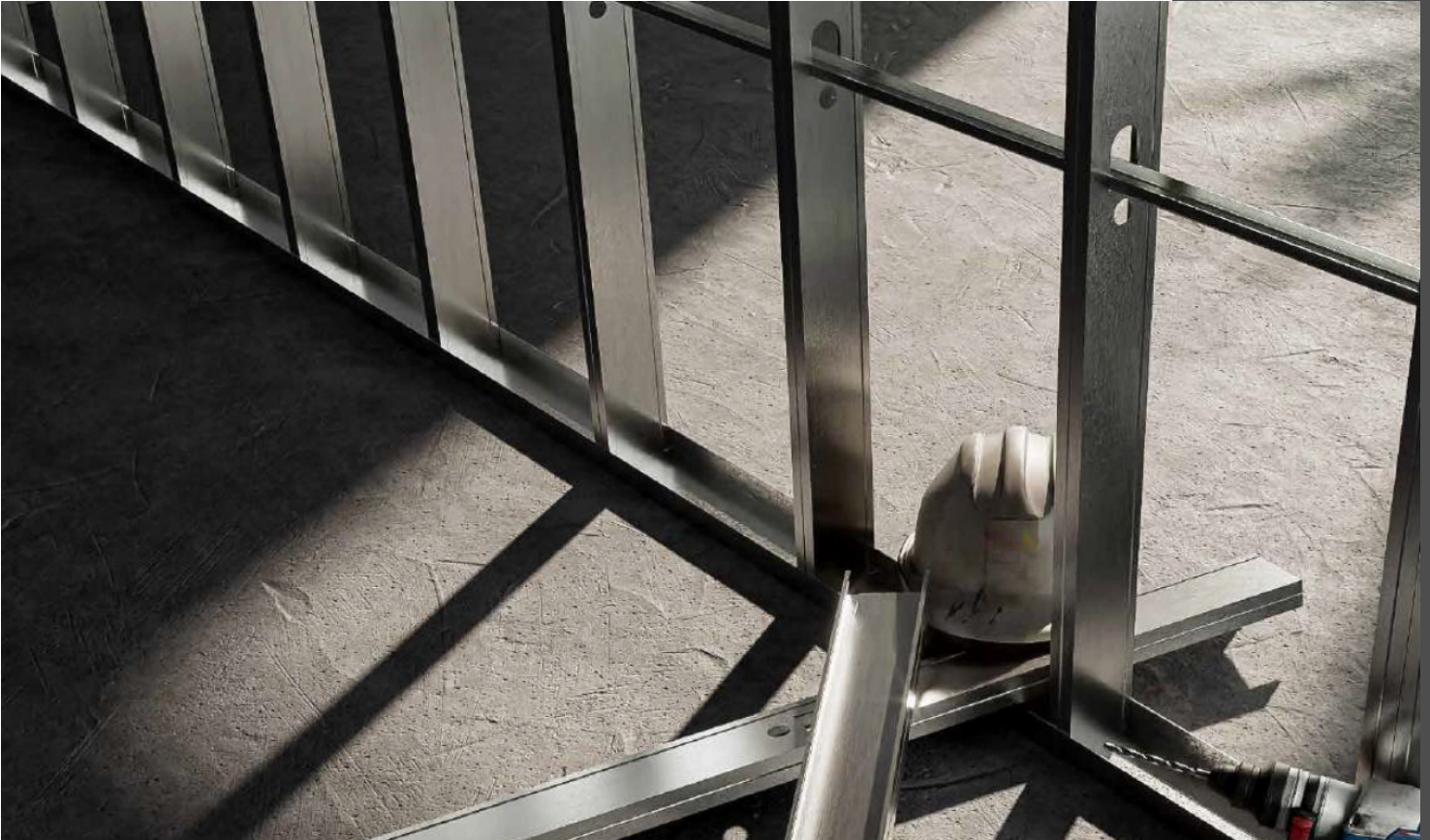




DV-LGS STUD

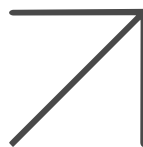


Advantages of DV-LGS Studs for Drywall



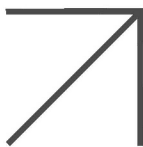
Durability:

Resistant to rot, mold, and termites. Does not warp, split, or shrink, ensuring long-term stability.



Fire Resistance:

Non-combustible, making it a safer choice for fire-rated wall assemblies.



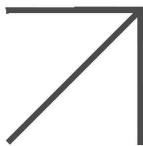
Lightweight:

Easier to handle and transport compared to wood.



Recyclability:

Environmentally friendly as steel is 100% recyclable.



Uniformity:

Precision-manufactured for consistent quality and dimensions.

DV-LGS Stud



25GA - 18mils

Description	Item	Length
	DV-LGS	Unit: ft.
Stud - 1-5/8 inch x 10ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-162S125-18-10	10
Stud - 1-5/8 inch x 12ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-162S125-18-12	12
Stud - 1-5/8 inch x 8ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-162S125-18-8	8
Stud - 1-5/8 inch x 9ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-162S125-18-9	9
Stud - 2-1/2 inch x 10ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-250S125-18-10	10
Stud - 2-1/2 inch x 12ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-250S125-18-12	12
Stud - 2-1/2 inch x 8ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-250S125-18-8	8
Stud - 2-1/2 inch x 9ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-250S125-18-9	9
Stud - 3-5/8 inch x 10ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-362S125-18-10	10
Stud - 3-5/8 inch x 12ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-362S125-18-12	12
Stud - 3-5/8 inch x 8ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-362S125-18-8	8
Stud - 3-5/8 inch x 9ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-362S125-18-9	9
Stud - 6 inch x 10ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-600S125-18-10	10
Stud - 6 inch x 12ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-600S125-18-12	12
Stud - 6 inch x 8ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-600S125-18-8	8
Stud - 6 inch x 9ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-600S125-18-9	9

20GA - 33mils

Description	Item	Length
	DV-LGS	Unit: ft.
Stud - 1-5/8 inch x 10ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-162S125-33-10	10
Stud - 1-5/8 inch x 12ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-162S125-33-12	12
Stud - 1-5/8 inch x 8ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-162S125-33-8	8
Stud - 1-5/8 inch x 9ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-162S125-33-9	9
Stud - 2-1/2 inch x 10ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-250S125-33-10	10
Stud - 2-1/2 inch x 12ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-250S125-33-12	12
Stud - 2-1/2 inch x 8ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-250S125-33-8	8
Stud - 2-1/2 inch x 9ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-250S125-33-9	9
Stud - 3-5/8 inch x 10ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-362S125-33-10	10
Stud - 3-5/8 inch x 12ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-362S125-33-12	12
Stud - 3-5/8 inch x 8ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-362S125-33-8	8
Stud - 3-5/8 inch x 9ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-362S125-33-9	9
Stud - 3-5/8 inch x 10ft. - 20Ga -Structural - Flange 1-5/8 inch	DV-LGS-362S162-33-10	10
Stud - 3-5/8 inch x 12ft. - 20Ga -Structural - Flange 1-5/8 inch	DV-LGS-362S162-33-12	12
Stud - 3-5/8 inch x 8ft. - 20Ga -Structural - Flange 1-5/8 inch	DV-LGS-362S162-33-8	8
Stud - 3-5/8 inch x 9ft. - 20Ga -Structural - Flange 1-5/8 inch	DV-LGS-362S162-33-9	9
Stud - 4 inch x 10ft. - 20Ga -Structural - Flange 1-5/8 inch	DV-LGS-400S162-33-10	10
Stud - 4 inch x 12ft. - 20Ga -Structural - Flange 1-5/8 inch	DV-LGS-400S125-33-12	12
Stud - 4 inch x 8ft. - 20Ga -Structural - Flange 1-5/8 inch	DV-LGS-400S125-33-8	8
Stud - 4 inch x 9ft. - 20Ga -Structural - Flange 1-5/8 inch	DV-LGS-600S125-33-9	9
Stud - 6 inch x 10ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-600S125-33-10	10
Stud - 6 inch x 12ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-600S125-33-12	12
Stud - 6 inch x 8ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-600S125-33-8	8
Stud - 6 inch x 9ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-600S125-33-9	9
Stud - 6 inch x 10ft. - 20Ga -Structural - Flange 1-5/8 inch	DV-LGS-600S162-33-10	10
Stud - 6 inch x 12ft. - 20Ga -Structural - Flange 1-5/8 inch	DV-LGS-600S162-33-12	12
Stud - 6 inch x 8ft. - 20Ga -Structural - Flange 1-5/8 inch	DV-LGS-600S162-33-8	8
Stud - 6 inch x 9ft. - 20Ga -Structural - Flange 1-5/8 inch	DV-LGS-600S162-33-9	9
Stud - 8 inch x 10ft. - 20Ga -Structural - Flange 1-5/8 inch	DV-LGS-800S162-33-10	10
Stud - 8 inch x 12ft. - 20Ga -Structural - Flange 1-5/8 inch	DV-LGS-800S162-33-12	12
Stud - 8 inch x 8ft. - 20Ga -Structural - Flange 1-5/8 inch	DV-LGS-800S162-33-8	8
Stud - 8 inch x 9ft. - 20Ga -Structural - Flange 1-5/8 inch	DV-LGS-800S162-33-9	9



18GA - 43mils

Description	Item	Length
	DV-LGS	Unit: ft.
Stud - 3-5/8 inch x 10ft. - 18Ga - Flange 1-1/4 inch	DV-LGS-362S125-43-10	10
Stud - 3-5/8 inch x 12ft. - 18Ga - Flange 1-1/4 inch	DV-LGS-362S125-43-12	12
Stud - 3-5/8 inch x 8ft. - 18Ga - Flange 1-1/4 inch	DV-LGS-362S125-43-8	8
Stud - 3-5/8 inch x 9ft. - 18Ga - Flange 1-1/4 inch	DV-LGS-362S125-43-9	9
Stud - 3-5/8 inch x 10ft. - 18Ga - Flange 1-5/8 inch	DV-LGS-362S162-43-10	10
Stud - 3-5/8 inch x 12ft. - 18Ga - Flange 1-5/8 inch	DV-LGS-362S162-43-12	12
Stud - 3-5/8 inch x 8ft. - 18Ga - Flange 1-5/8 inch	DV-LGS-362S162-43-8	8
Stud - 3-5/8 inch x 9ft. - 18Ga - Flange 1-5/8 inch	DV-LGS-362S162-43-9	9
Stud - 6 inch x 10ft. - 18Ga - Flange 1-1/4 inch	DV-LGS-600S125-43-10	10
Stud - 6 inch x 12ft. - 18Ga - Flange 1-1/4 inch	DV-LGS-600S125-43-12	12
Stud - 6 inch x 8ft. - 18Ga - Flange 1-1/4 inch	DV-LGS-600S125-43-8	8
Stud - 6 inch x 9ft. - 18Ga - Flange 1-1/4 inch	DV-LGS-600S125-43-9	9
Stud - 6 inch x 10ft. - 18Ga - Flange 1-5/8 inch	DV-LGS-600S162-43-10	10
Stud - 6 inch x 12ft. - 18Ga - Flange 1-5/8 inch	DV-LGS-600S162-43-12	12
Stud - 6 inch x 8ft. - 18Ga - Flange 1-5/8 inch	DV-LGS-600S162-43-8	8
Stud - 6 inch x 9ft. - 18Ga - Flange 1-5/8 inch	DV-LGS-600S162-43-9	9
Stud - 8 inch x 10ft. - 18Ga - Flange 1-5/8 inch	DV-LGS-800S162-43-10	10
Stud - 8 inch x 12ft. - 18Ga - Flange 1-5/8 inch	DV-LGS-800S162-43-12	12
Stud - 8 inch x 8ft. - 18Ga - Flange 1-5/8 inch	DV-LGS-800S162-43-8	8
Stud - 8 inch x 9ft. - 18Ga - Flange 1-5/8 inch	DV-LGS-800S162-43-9	9

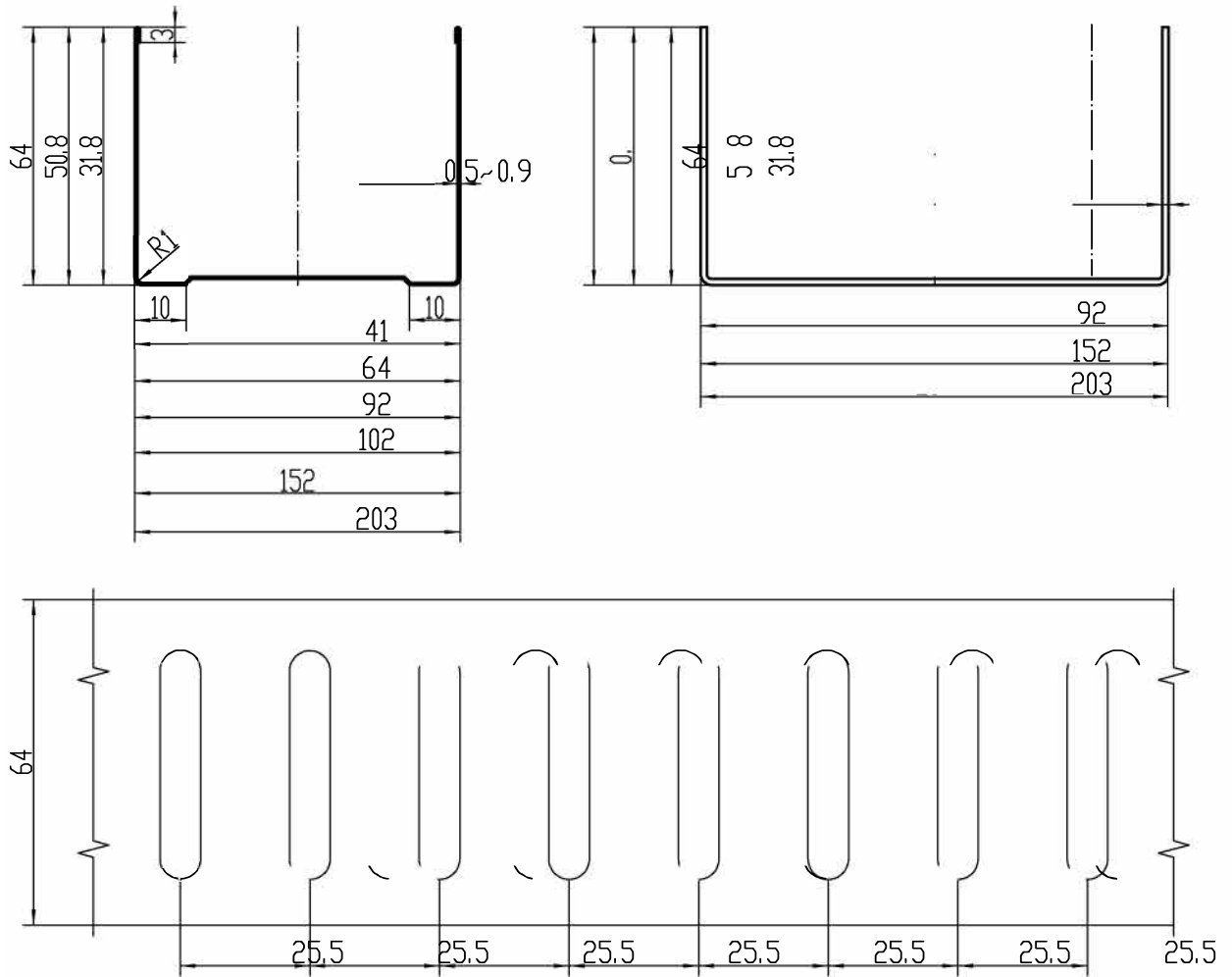
16GA - 54mils

	DV-LGS	Unit: ft.
Stud - 3-5/8 inch x 10ft. - 16Ga - Flange 1-5/8 inch	DV-LGS-362S162-54-10	10
Stud - 3-5/8 inch x 12ft. - 16Ga - Flange 1-5/8 inch	DV-LGS-362S162-54-12	12
Stud - 3-5/8 inch x 8ft. - 16Ga - Flange 1-5/8 inch	DV-LGS-362S162-54-8	8
Stud - 3-5/8 inch x 9ft. - 16Ga - Flange 1-5/8 inch	DV-LGS-362S162-54-9	9
Stud - 6 inch x 10ft. - 16Ga - Flange 1-5/8 inch	DV-LGS-600S162-54-10	10
Stud - 6 inch x 12ft. - 16Ga - Flange 1-5/8 inch	DV-LGS-600S162-54-12	12
Stud - 6 inch x 8ft. - 16Ga - Flange 1-5/8 inch	DV-LGS-600S162-54-8	8
Stud - 6 inch x 9ft. - 16Ga - Flange 1-5/8 inch	DV-LGS-600S162-54-9	9
Stud - 8 inch x 10ft. - 16Ga - Flange 1-5/8 inch	DV-LGS-800S162-54-10	10
Stud - 8 inch x 12ft. - 16Ga - Flange 1-5/8 inch	DV-LGS-800S162-54-12	12
Stud - 8 inch x 8ft. - 16Ga - Flange 1-5/8 inch	DV-LGS-800S162-54-8	8
Stud - 8 inch x 9ft. - 16Ga - Flange 1-5/8 inch	DV-LGS-800S162-54-9	9

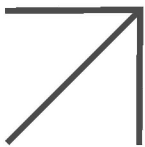




DV-LGS TRACK

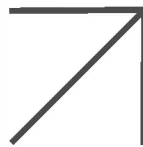


Advantages of DV-LGS Tracks for Drywall



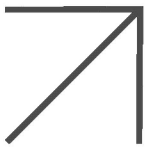
Durability:

Resistant to moisture, pests, and corrosion.



Lightweight:

Easy to handle, transport, and install, even in large projects.



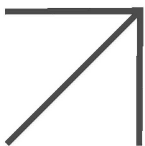
Non-Combustible:

Contributes to fire-rated assemblies.



Straight and Uniform:

Ensures accurate alignment and plumb walls, unlike wood, which may warp or twist



Recyclable:

Environmentally friendly as steel tracks are fully recyclable.

DV-LGS Track



25GA - 18mils

Description	Item	Length
	DV-LGS	Unit: ft.
Track - 1-5/8 inch x 10ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-162T125-18-10	10
Track - 1-5/8 inch x 12ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-162T125-18-12	12
Track - 1-5/8 inch x 10ft. - 25Ga - Flange 2 inch	DV-LGS-162T200-18-10	10
Track - 1-5/8 inch x 12ft. - 25Ga - Flange 2 inch	DV-LGS-162T200-18-12	12
Track - 2-1/2 inch x 10ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-250T125-18-10	10
Track - 2-1/2 inch x 12ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-250T125-18-12	12
Track - 2-1/2 inch x 10ft. - 25Ga - Flange 2 inch	DV-LGS-250T200-18-10	10
Track - 2-1/2 inch x 12ft. - 25Ga - Flange 2 inch	DV-LGS-250T200-18-12	12
Track - 3-5/8 inch x 10ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-362T125-18-10	10
Track - 3-5/8 inch x 12ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-362T125-18-12	12
Track - 3-5/8 inch x 10ft. - 25Ga - Flange 2 inch	DV-LGS-362T200-18-10	10
Track - 3-5/8 inch x 12ft. - 25Ga - Flange 2 inch	DV-LGS-362T200-18-12	12
Track - 6 inch x 10ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-600T125-18-10	10
Track - 6 inch x 12ft. - 25Ga - Flange 1-1/4 inch	DV-LGS-600T125-18-12	12
Track - 6 inch x 10ft. - 25Ga - Flange 2 inch	DV-LGS-600T200-18-10	10
Track - 6 inch x 12ft. - 25Ga - Flange 2 inch	DV-LGS-600T200-18-12	12

20GA - 33mils

Description	Item	Length
	DV-LGS	Unit: ft.
Track - 1-5/8 inch x 10ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-162T125-33-10	10
Track - 1-5/8 inch x 12ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-162T125-33-12	12
Track - 2-1/2 inch x 10ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-250T125-33-10	10
Track - 2-1/2 inch x 12ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-250T125-33-12	12
Track - 2-1/2 inch x 10ft. - 20Ga -Structural - Flange 2 inch	DV-LGS-250T200-33-10	10
Track - 2-1/2 inch x 12ft. - 20Ga -Structural - Flange 2 inch	DV-LGS-250T200-33-12	12
Track - 3-5/8 inch x 10ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-362T125-33-10	10
Track - 3-5/8 inch x 12ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-362T125-33-12	12
Track - 3-5/8 inch x 10ft. - 20Ga -Structural - Flange 2 inch	DV-LGS-362T200-33-10	10
Track - 3-5/8 inch x 12ft. - 20Ga -Structural - Flange 2 inch	DV-LGS-362T200-33-12	12
Track - 4 inch x 10ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-400T125-33-10	10
Track - 4 inch x 12ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-400T125-33-12	12
Track - 4 inch x 10ft. - 20Ga -Structural - Flange 2 inch	DV-LGS-400T200-33-10	10
Track - 4 inch x 12ft. - 20Ga -Structural - Flange 2 inch	DV-LGS-400T200-33-12	12
Track - 6 inch x 10ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-600T125-33-10	10
Track - 6 inch x 12ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-600T125-33-12	12
Track - 6 inch x 10ft. - 20Ga -Structural - Flange 2 inch	DV-LGS-600T200-33-10	10
Track - 6 inch x 12ft. - 20Ga -Structural - Flange 2 inch	DV-LGS-600T200-33-12	12
Track - 8 inch x 10ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-800T125-33-10	10
Track - 8 inch x 12ft. - 20Ga -Structural - Flange 1-1/4 inch	DV-LGS-800T125-33-12	12
Track - 8 inch x 10ft. - 20Ga -Structural - Flange 2 inch	DV-LGS-800T200-33-10	10
Track - 8 inch x 12ft. - 20Ga -Structural - Flange 2 inch	DV-LGS-800T200-33-12	12





18GA - 43mils

Description	Item	Length
	DV-LGS	Unit: ft.
Track - 3-5/8 inch x 10ft. - 18Ga - Flange 1-1/4 inch	DV-LGS-362T125-43-10	10
Track - 3-5/8 inch x 12ft. - 18Ga - Flange 1-1/4 inch	DV-LGS-362T125-43-12	12
Track - 3-5/8 inch x 10ft. - 18Ga - Flange 2 inch	DV-LGS-362T200-43-10	10
Track - 3-5/8 inch x 12ft. - 18Ga - Flange 2 inch	DV-LGS-362T200-43-12	12
Track - 6 inch x 10ft. - 18Ga - Flange 1-1/4 inch	DV-LGS-600T125-43-10	10
Track - 6 inch x 12ft. - 18Ga - Flange 1-1/4 inch	DV-LGS-600T125-43-12	12
Track - 6 inch x 10ft. - 18Ga - Flange 2 inch	DV-LGS-600T200-43-10	10
Track - 6 inch x 12ft. - 18Ga - Flange 2 inch	DV-LGS-600T200-43-12	12
Track - 8 inch x 10ft. - 18Ga - Flange 1-1/4 inch	DV-LGS-800T125-43-10	10
Track - 8 inch x 12ft. - 18Ga - Flange 1-1/4 inch	DV-LGS-800T125-43-12	12
Track - 8 inch x 10ft. - 18Ga - Flange 2 inch	DV-LGS-800T200-43-10	10
Track - 8 inch x 12ft. - 18Ga - Flange 2 inch	DV-LGS-800T200-43-12	12

16GA - 54mils

Description	Item	Length
	DV-LGS	Unit: ft.
Track - 3-5/8 inch x 10ft. - 16Ga - Flange 1-1/4 inch	DV-LGS-362T125-54-10	10
Track - 3-5/8 inch x 12ft. - 16Ga - Flange 1-1/4 inch	DV-LGS-362T125-54-12	12
Track - 3-5/8 inch x 10ft. - 16Ga - Flange 2 inch	DV-LGS-362T200-54-10	10
Track - 3-5/8 inch x 12ft. - 16Ga - Flange 2 inch	DV-LGS-362T200-54-12	12
Track - 6 inch x 10ft. - 16Ga - Flange 1-1/4 inch	DV-LGS-600T125-54-10	10
Track - 6 inch x 12ft. - 16Ga - Flange 1-1/4 inch	DV-LGS-600T125-54-12	12
Track - 6 inch x 10ft. - 16Ga - Flange 2 inch	DV-LGS-600T200-54-10	10
Track - 6 inch x 12ft. - 16Ga - Flange 2 inch	DV-LGS-600T200-54-12	12
Track - 8 inch x 10ft. - 16Ga - Flange 1-1/4 inch	DV-LGS-800T125-54-10	10
Track - 8 inch x 12ft. - 16Ga - Flange 1-1/4 inch	DV-LGS-800T125-54-12	12
Track - 8 inch x 10ft. - 16Ga - Flange 2 inch	DV-LGS-800T200-54-10	10
Track - 8 inch x 12ft. - 16Ga - Flange 2 inch	DV-LGS-800T200-54-12	12

"Darvish LGS: Innovative Engineering, Faster Construction with Effective Solutions"

DV-LGS Slotted Track



20GA - 33mils

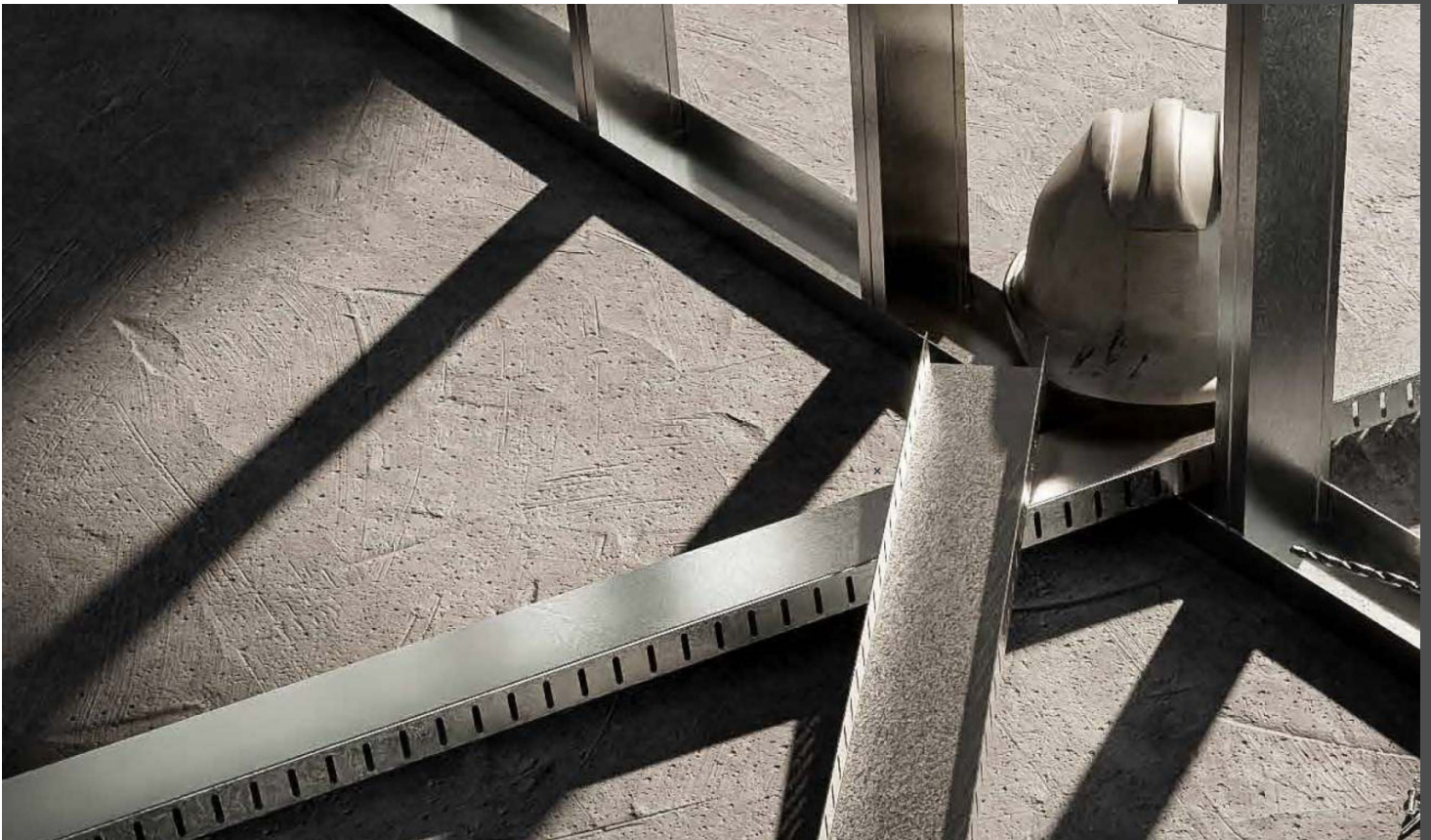
Description	Item	Length
	DV-LGS	Unit: ft.
Slotted Track - 4 inch x 12ft. - 20Ga -Structural - Flange 2-1/2 inch	DV-LGS-400ST250-33-12	12
Slotted Track - 6 inch x 10ft. - 20Ga -Structural - Flange 2-1/2 inch	DV-LGS-600ST250-33-10	10
Slotted Track - 6 inch x 12ft. - 20Ga -Structural - Flange 2-1/2 inch	DV-LGS-600ST250-33-12	12
Slotted Track - 8 inch x 10ft. - 20Ga -Structural - Flange 2-1/2 inch	DV-LGS-800ST250-33-10	10
Slotted Track - 8 inch x 12ft. - 20Ga -Structural - Flange 2-1/2 inch	DV-LGS-800ST250-33-12	12

18GA - 43mils

Description	Item	Length
	DV-LGS	Unit: ft.
Slotted Track - 3-5/8 inch x 10ft. - 18Ga - Flange 2-1/2 inch	DV-LGS-362ST250-43-10	10
Slotted Track - 3-5/8 inch x 12ft. - 18Ga - Flange 2-1/2 inch	DV-LGS-362ST250-43-12	12
Slotted Track - 6 inch x 10ft. - 18Ga - Flange 2-1/2 inch	DV-LGS-600ST250-43-10	10
Slotted Track - 6 inch x 12ft. - 18Ga - Flange 2-1/2 inch	DV-LGS-600ST250-43-12	12
Slotted Track - 8 inch x 10ft. - 18Ga - Flange 2-1/2 inch	DV-LGS-800ST250-43-10	10
Slotted Track - 8 inch x 12ft. - 18Ga - Flange 2-1/2 inch	DV-LGS-800ST250-43-12	12

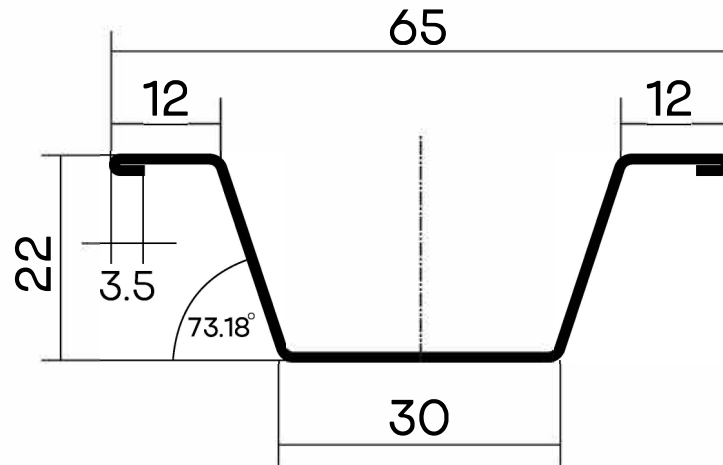
16GA - 54mils

Description	Item	Length
	DV-LGS	Unit: ft.
Slotted Track - 3-5/8 inch x 10ft. - 16Ga - Flange 2-1/2 inch	DV-LGS-362ST250-54-10	10
Slotted Track - 3-5/8 inch x 12ft. - 16Ga - Flange 2-1/2 inch	DV-LGS-362ST250-54-12	12
Slotted Track - 6 inch x 10ft. - 16Ga - Flange 2-1/2 inch	DV-LGS-600ST250-54-10	10
Slotted Track - 6 inch x 12ft. - 16Ga - Flange 2-1/2 inch	DV-LGS-600ST250-54-12	12
Slotted Track - 8 inch x 10ft. - 16Ga - Flange 2-1/2 inch	DV-LGS-800ST250-54-10	10
Slotted Track - 8 inch x 12ft. - 16Ga - Flange 2-1/2 inch	DV-LGS-800ST250-54-12	12





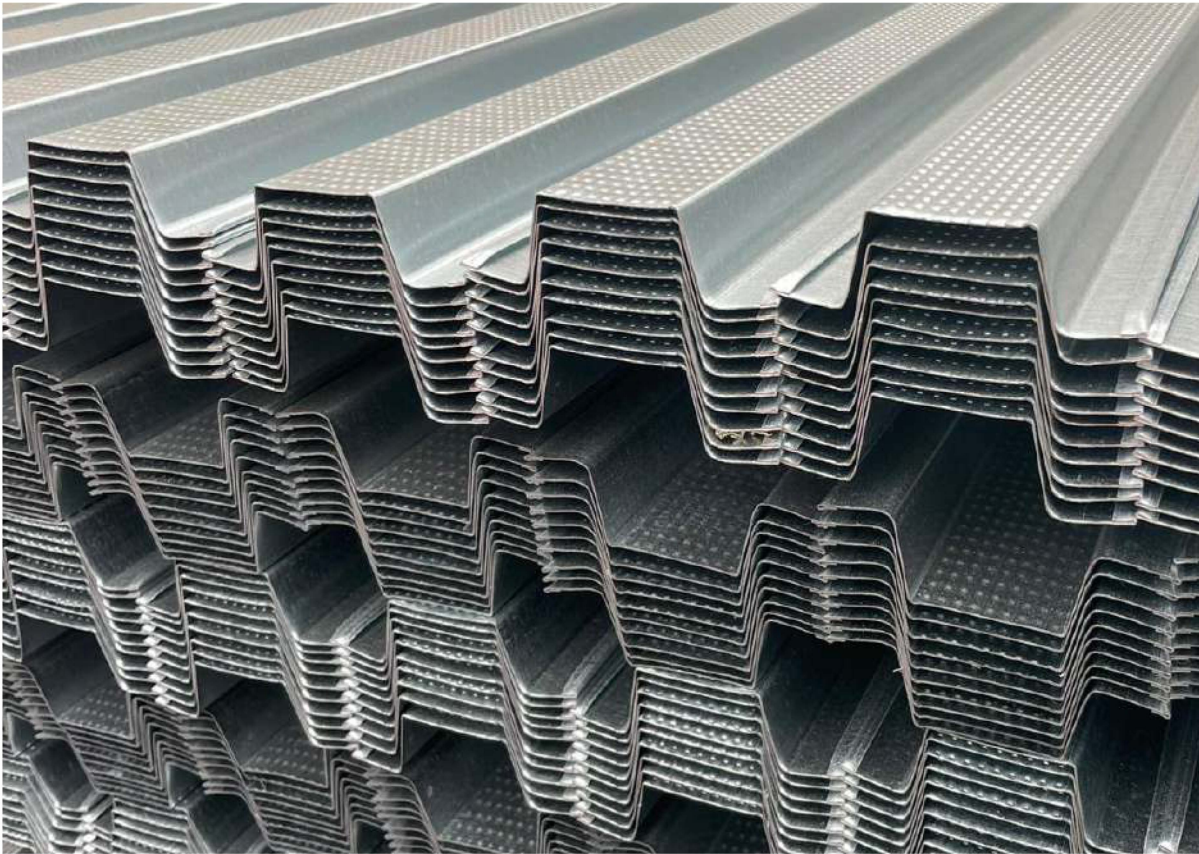
DV-LGS FURRING CHANNEL



25GA - 18mils / 20GA - 33mils / 18GA - 43mils

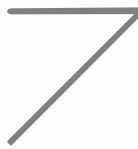
Description	Item	Length
	DV-LGS	Unit: ft.
Furring Channel - 7/8 Inch -12ft.	DV-LGS-Furring Channel-18-12	12
Furring Channel - 7/8 Inch -12ft.	DV-LGS-Furring Channel-33-12	12
Furring Channel - 7/8 Inch -12ft.	DV-LGS-Furring Channel-43-12	12

Advantages of DV-LGS Furring Channel



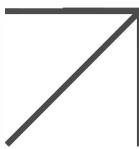
Strength & Durability:

Made from high-quality galvanized steel, providing excellent strength while remaining lightweight. Resistant to corrosion, increasing lifespan in moisture-prone environments.



Soundproofing & Acoustic Performance:

Helps in decoupling drywall from the structure, reducing sound transmission. Commonly used in resilient furring channel systems to enhance sound insulation.



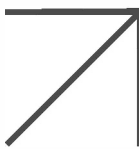
Fire Resistance:

Non-combustible material improves fire resistance. Helps meet fire safety regulations in commercial and residential buildings.



Cost-Effective:

Reduces material costs by allowing wider spacing compared to traditional wood framing. Reduces labor costs due to faster installation.



Easy Installation & Versatility:

Lightweight design makes handling and installation easier. Compatible with various ceiling and wall applications, including curved walls. Works with different types of fasteners and can be installed on metal or wood framing.

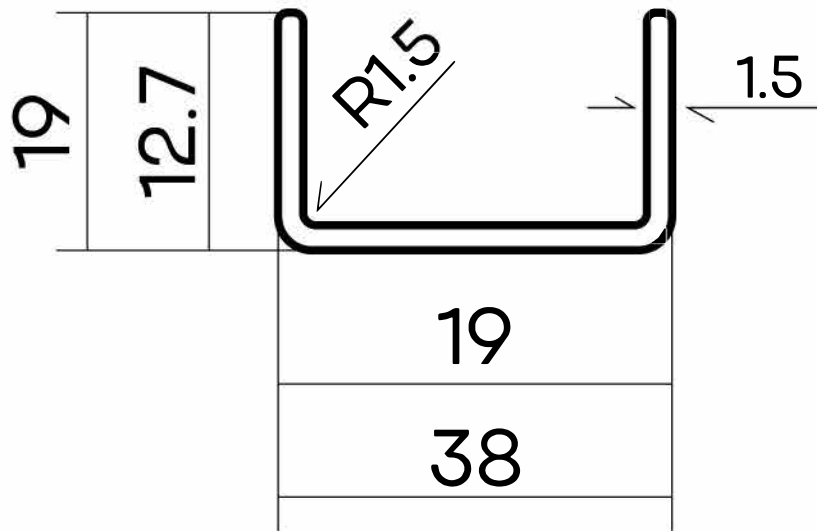


Moisture & Mold Resistance:

Unlike wood furring strips, DV-LGS furring channels do not warp, rot, or support mold growth. Ideal for damp environments, such as basements and bathrooms.



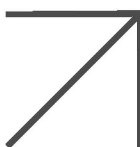
DV-LGS CARRYING CHANNEL



18GA - 43mils / 16GA - 54mils

Description	Item	Length
	DV-LGS	Unit: ft.
Carrying Channel - 1-1/2 inch - Flange 1/2 inch -12ft.	DV-LGS-150C50-43-12	12
Carrying Channel - 3/4 inch - Flange 1/2 inch -12ft.	DV-LGS-75C50-43-12	12
Carrying Channel - 1-1/2 inch - Flange 1/2 inch -12ft.	DV-LGS-150C50-54-12	12
Carrying Channel - 3/4 inch - Flange 1/2 inch -12ft.	DV-LGS-75C50-54-12	12

Advantages of DV-LGS C carrying Char



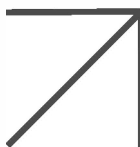
Structural Strength & Load-Bearing Capacity:

Designed to carry and distribute loads across the ceiling system. Provides better load capacity compared to wooden or lightweight alternatives. Ensures a stable and sag-free ceiling framework.



Corrosion & Moisture Resistance:

Manufactured from galvanized steel, making it resistant to rust and corrosion. Ideal for moist environments, such as bathrooms, kitchens, and basements. Prevents warping, rotting, or degradation over time.



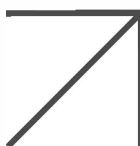
Fire Resistance:

Non-combustible material enhances fire safety in buildings. Complies with fire safety regulations and prevents flame spread.



Lightweight & Easy Installation:

Lightweight yet strong, making handling and installation easier. Reduces labor costs due to faster setup. Works well with standard fasteners and connections.

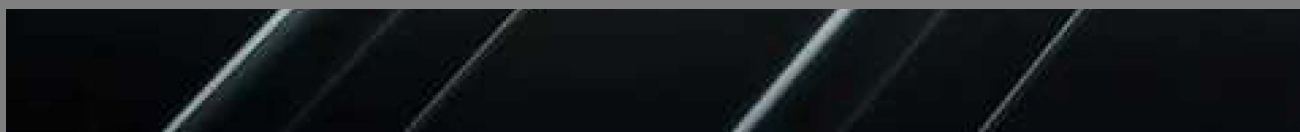


Cost-Effectiveness:

Longer lifespan reduces maintenance and replacement costs. Efficient material use leads to lower construction expenses.



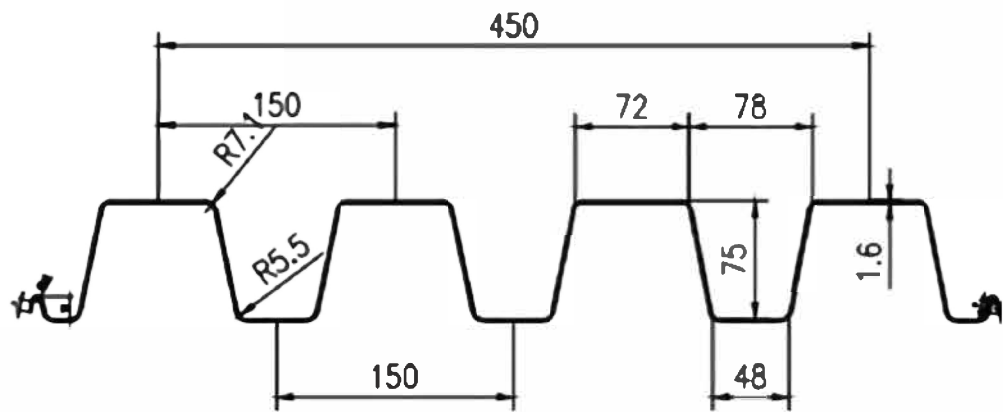
DV-LGS
**DECKING SYSTEM
WALL CLADDING**







DV-LGS N-DECK(3'')



Description	Item	Length
	DV-LGS	Unit: ft.
DV-LGS Global -Galvanized N DECK 16 GA (G90)	DV-LGS-N Deck-54-G90	Custom
DV-LGS Global -Galvanized N DECK 18 GA (G90)	DV-LGS-N Deck-43-G90	Custom
DV-LGS Global -Galvanized N DECK 20 GA (G90)	DV-LGS-N Deck-33-G90	Custom
DV-LGS Global -Galvanized N DECK 22 GA (G90)	DV-LGS-N Deck-27-G90	Custom
DV-LGS Global -Light Zinc coat N DECK 16 GA (A25)	DV-LGS-N Deck-54-A25	Custom
DV-LGS Global -Light Zinc coat N DECK 18 GA (A25)	DV-LGS-N Deck-43-A25	Custom
DV-LGS Global -Light Zinc coat N DECK 20 GA (A25)	DV-LGS-N Deck-33-A25	Custom
DV-LGS Global -Light Zinc coat N DECK 22 GA (A25)	DV-LGS-N Deck-27-A25	Custom

Advantages of DV-LGS N-Deck (3")



High Strength & Load Capacity:

The deep 3" profile provides exceptional strength, making it ideal for heavy-load applications. Capable of spanning longer distances, reducing the need for additional support beams. Suitable for high-rise buildings, warehouses, and industrial facilities.

Cost-Effective Construction:

Longer spans mean fewer steel supports, reducing material costs. Faster installation leads to lower labor costs. Provides a strong base for concrete slabs, reducing the amount of concrete required.

Fire Resistance:

Made of non-combustible galvanized steel, helping to meet fire safety codes. Can be used with fireproofing materials to enhance fire ratings.

Improved Structural Stability:

Enhances floor and roof diaphragm action, improving the building's lateral stability. Minimizes deflection under heavy loads, making it ideal for structures requiring high durability.

Versatility & Adaptability:

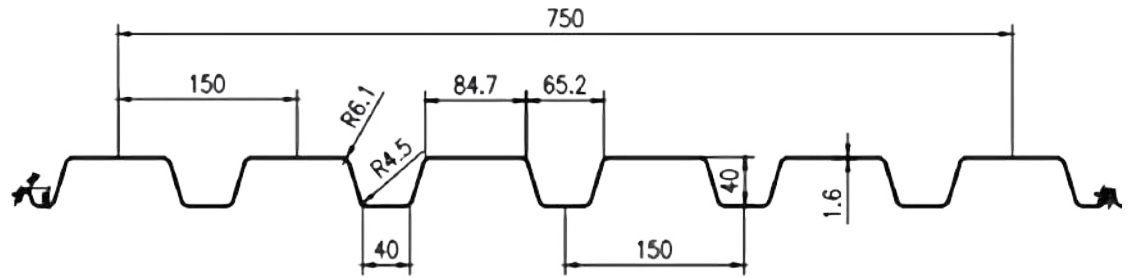
Can be used in roofing, flooring, mezzanines, and bridge decks. Compatible with various insulation systems, waterproofing membranes, and soundproofing layers.

Corrosion & Moisture Resistance:

Manufactured with galvanized or painted coatings, preventing rust and deterioration. Suitable for humid environments, reducing maintenance over time.



DV-LGS B-DECK(1.5'')



Description	Item	Length
	DV-LGS	Unit: ft.
DV-LGS Global -Galvanized B DECK 16 GA (G90)	DV-LGS-B Deck-54-G90	Custom
DV-LGS Global -Galvanized B DECK 18 GA (G90)	DV-LGS-B Deck-43-G90	Custom
DV-LGS Global -Galvanized B DECK 20 GA (G90)	DV-LGS-B Deck-33-G90	Custom
DV-LGS Global -Galvanized B DECK 22 GA (G90)	DV-LGS-B Deck-27-G90	Custom
DV-LGS Global -Light Zinc coat B DECK 16 GA (A25)	DV-LGS-B Deck-54-A25	Custom
DV-LGS Global -Light Zinc coat B DECK 18 GA (A25)	DV-LGS-B Deck-43-A25	Custom
DV-LGS Global -Light Zinc coat B DECK 20 GA (A25)	DV-LGS-B Deck-33-A25	Custom
DV-LGS Global -Light Zinc coat B DECK 22 GA (A25)	DV-LGS-B Deck-27-A25	Custom

Advantages of DV-LGS B-Deck (1.5")



Strength & Load Capacity:

The 1.5" deep rib profile offers good strength-to-weight ratio. Provides excellent support for roofing and floor systems with moderate spans. Works well in low- to mid-rise commercial and industrial buildings.

Cost-Effective:

Efficient material usage leads to lower construction costs. Reduces the number of required structural supports, saving on steel framing. Faster installation minimizes labor costs.

Lightweight & Easy to Install:

Lighter than deeper decking profiles, making it easier to handle and transport. Quick installation using standard fastening methods. Reduces overall dead load on the building structure.

Fire Resistance:

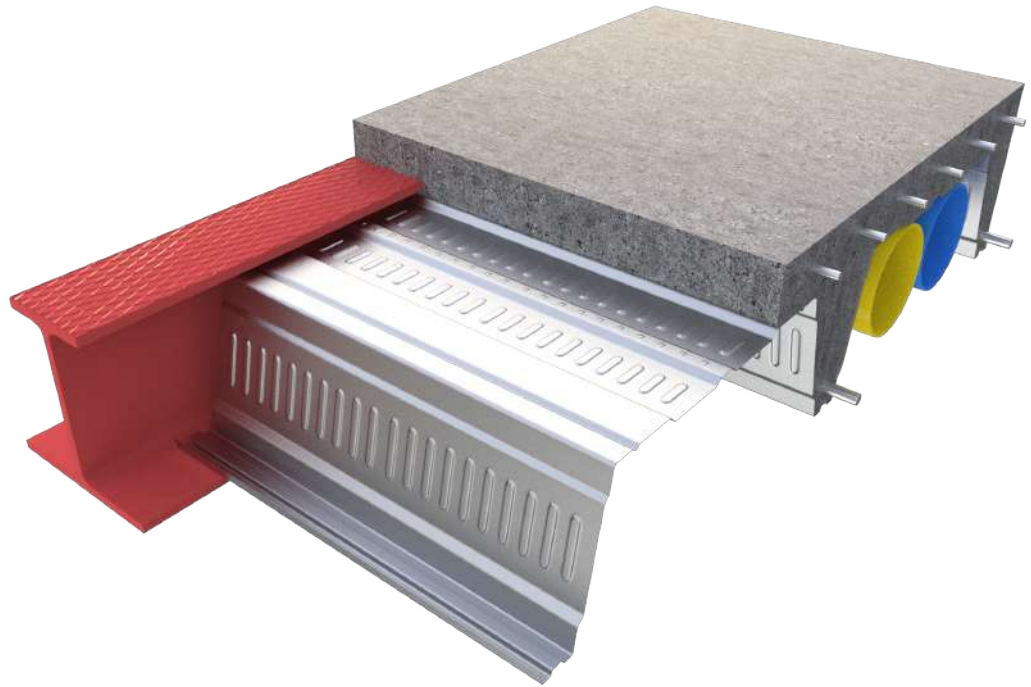
Made from galvanized steel, which is non-combustible and enhances fire safety. Can be used with fireproofing materials to meet fire code requirements.

Corrosion Resistance:

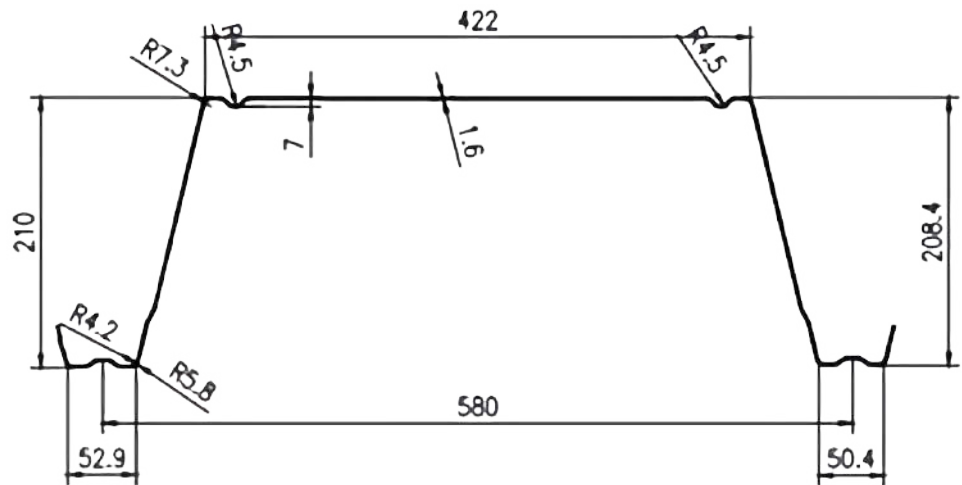
Available with galvanized coatings to prevent rust and corrosion. Ideal for humid and outdoor environments, reducing maintenance costs.

Versatility & Adaptability:

Used in roofing, light composite floors, and mezzanine systems. Compatible with various insulation and waterproofing systems. Can be used in new construction and retrofit projects.



DV-LGS DEEP-DECK(203-610)



Description	Item	Length
	DV-LGS	Unit: ft.
DV-LGS Global - 203-610 Deck	DV-LGS-D-Deck-206-610	Custom

Advantages of DV-LGS B-Deck (1.5")



Exceptional Load Capacity & Long Spans:

The deep 203mm (8") profile allows for longer spans compared to standard metal decking. Reduces the need for additional structural supports, saving on material costs. Ideal for high-load applications such as bridges, high-rise buildings, and industrial warehouses.

Cost-Effective Construction:

Longer spans mean fewer supporting beams and columns, reducing steel usage. Faster installation due to large panel coverage, minimizing labor costs. Optimized material thickness ensures high strength with reduced weight.

Fire Resistance:

Manufactured from high-quality galvanized steel, which is non-combustible. Can be used with fireproofing materials to enhance fire resistance ratings. Meets stringent fire safety codes for commercial and industrial buildings.

Composite Action with Concrete:

Works exceptionally well with concrete slabs, forming a strong composite floor system. Enhances diaphragm action, improving overall structural stability. Reduces the need for additional reinforcement, optimizing material efficiency.

Lightweight Yet Durable:

Despite its deep profile, DEEP Deck is lighter compared to traditional concrete slabs. Reduces the overall dead load on the structure, allowing for lighter framing. Easier to transport and install compared to precast concrete or thicker deck profiles.

Versatile Applications:

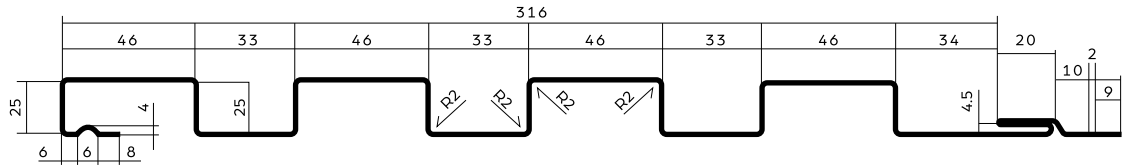
Suitable for roofing, flooring, mezzanines, bridges, and large-span structures. Used in commercial buildings, stadiums, warehouses, and transportation hubs. Can be customized with different thicknesses and coatings to meet project needs.

DV-LGS WALL CLADDING

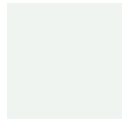
Product Name

DV-LGS

DV-LGS Wall Cladding



Color Chart



QC 18317 White



QC 18273 Bone White



QC 18326 Coffee



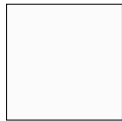
QC 18305 Stone Grey



QC 18262 Black



QC 18783 Bright White



QC 18695 White



QC 18229 Dark Brown



QC 18306 Charcoal



QC 18315 Tan



QC 18696 Antique Linen



QC 18464 USDA White



QC 18317 White
White Blanc pur



QC 18317 White
White Blanc pur



QC 18317 White
White Blanc pur



QC 18330 Heron Blue



QC 18307 Melcher's Green



QC 18329 Green



QC 18258 Pacific Turquoise



QC 18386 Bright Red



QC 18790 Royal Blue



QC 18250 Dark Red



QC 18260 Slate Blue



QC 18256 Mist Green



QC 18234 International Orange



QC 2624 Bright Silver



Plastisol



Woodgrain



Granite



QC 7500 Silver (PUR)



QC 3234 Copper



Stainless



Galvanized



Galvalume



Aluminum

Advantages of DV-LGS Wall Cladding



Durability & Strength

Made from high-quality galvanized or coated steel, ensuring long-lasting durability. Resistant to impact, harsh weather conditions, and mechanical damage. Provides structural reinforcement to walls, enhancing building longevity.

Corrosion & Rust Resistance

Available with galvanized, pre-painted, or coated finishes to prevent rust. Ideal for coastal, humid, and industrial environments where corrosion is a concern. Requires minimal maintenance, reducing long-term costs.

Lightweight & Easy Installation

Lighter than masonry or concrete cladding, reducing structural load. Quick and easy to install, lowering labor costs. Available in various profiles and lengths, making it adaptable to different architectural styles.

Energy Efficiency & Insulation Compatibility

Works well with thermal insulation layers, improving building energy efficiency. Reduces heat transfer, keeping interiors cooler in summer and warmer in winter.

Fire Resistance

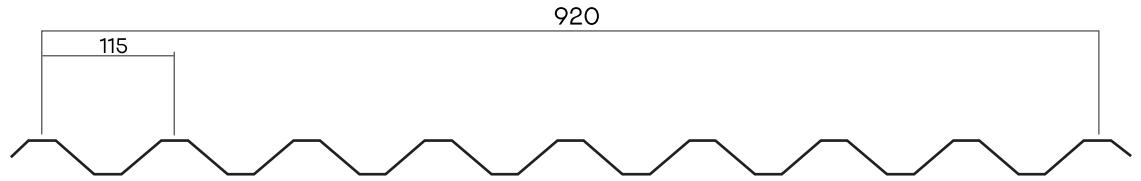
Manufactured from non-combustible materials, helping to improve fire safety. Can be used in fire-rated wall assemblies, meeting building code requirements.

DV-LGS WALL CLADDING

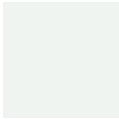
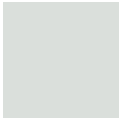



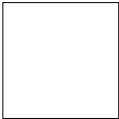
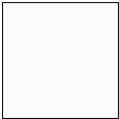




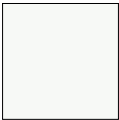























Product Name

DV-LGS

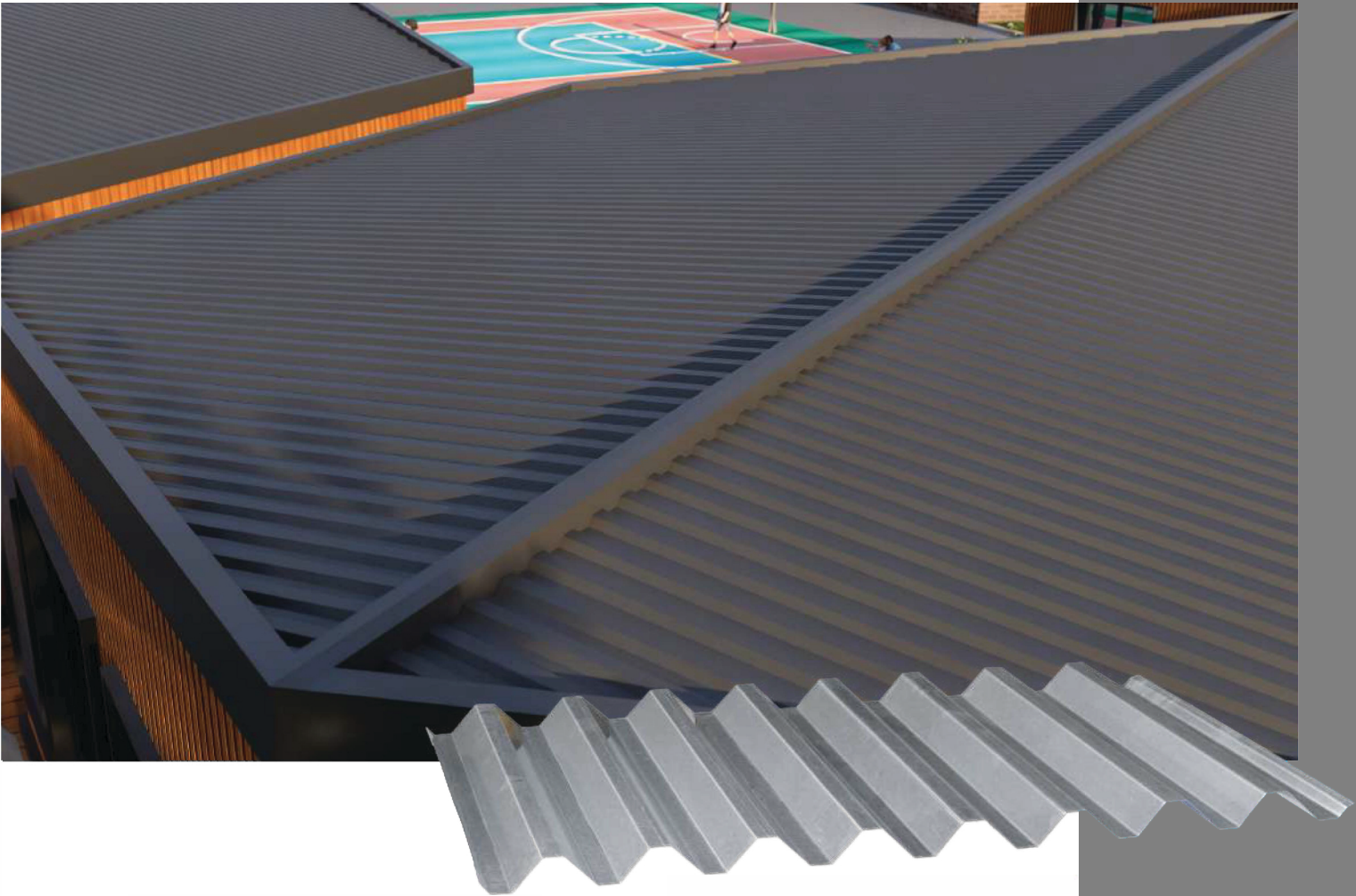
DV-LGS Roof Sheet



Color Chart

				
QC 18317 White	QC 18273 Bone White	QC 18326 Coffee	QC 18305 Stone Grey	QC 18262 Black
				
QC 18783 Bright White	QC 18695 White	QC 18229 Dark Brown	QC 18306 Charcoal	QC 18315 Tan
				
QC 18696 Antique Linen	QC 18464 USDA White	QC 18317 White White Blanc pur	QC 18317 White White Blanc pur	QC 18317 White White Blanc pur
				
QC 18330 Heron Blue	QC 18307 Melcher's Green	QC 18329 Green	QC 18258 Pacific Truquoise	QC 18386 Bright Red
				
QC 18790 Royal Blue	QC 18250 Dark Red	QC 18260 Slate Blue	QC 18256 Mist Green	QC 18234 International Orange
				
QC 2624 Bright Silver	Plastisol	Woodgrain	Granite	QC 7500 Silver (PUR)
				
QC 3234 Copper	Stainless	Galvanized	Galvalume	Aluminum

Advantages of DV-LGS Roof Sheet



Exceptional Durability & Strength

Made from high-quality galvanized steel or aluminum, ensuring long lifespan. Resistant to impacts, heavy loads, and mechanical stress. Does not warp, crack, or break like traditional roofing materials (e.g., asphalt shingles or clay tiles).

Environmentally Friendly

100% recyclable, making it an eco-friendly choice. Can be integrated into rainwater harvesting systems. Helps in reducing urban heat island effect due to high solar reflectivity.

Corrosion & Rust Resistance


Available with galvanized, pre-painted, or coated finishes to prevent rust. Long-lasting performance in harsh climates and industrial zones.

Cost-Effective Solution

Long lifespan reduces the need for replacements, saving money over time. Quick installation lowers labor costs. Energy savings reduce operational expenses for commercial and residential buildings.

Fire Resistance

Made from non-combustible materials, reducing the risk of fire. Meets fire safety codes, making it a safer roofing option for commercial and industrial buildings.



If you're looking for high-quality, cost-effective, and innovative steel construction solutions, Darvish LGS is a trusted and reliable choice. Their durable, efficient, and sustainable products make them an industry leader in structural steel solutions.

Why Choose
DARVISH LGS?

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MEMBER STEEL FRAMING INDUSTRY ASSOCIATION

92 Green Lane, Thornhill, ON, L3T 6K9 

(905) 715-0888 

www.darvishlgs.ca 

info@darvishlgs.ca 