



Roofing with shingles



www.iko.com

Dec 2012



...



IKO has been roofing North American houses for over 60 years



Shingle History

- Roll roofing, consisting of long strips of asphalt-coated felt with a finishing layer of finely crushed stone, has been manufactured in the United States since 1893.
- In 1903, Henry M. Reynolds began marketing asphalt shingles he cut from sheets of roll roofing.

Three key raw materials

Reinforcement: Fiberglass Mat

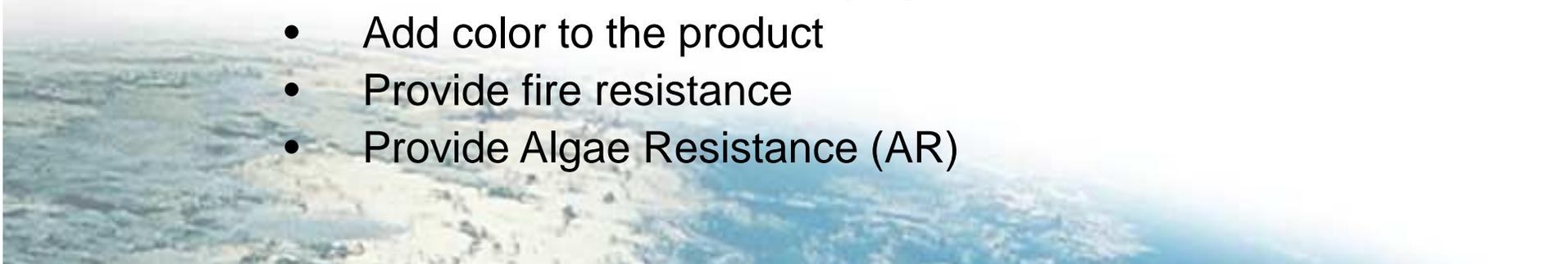
- Is the matrix which supports the other components
- Provides strength to the shingle

Asphalt (2 grades)

- Coating (oxidized asphalt)
 - Provides long term durability to weather
 - Remains stable under severe service temperatures
- Sealant (SBS)

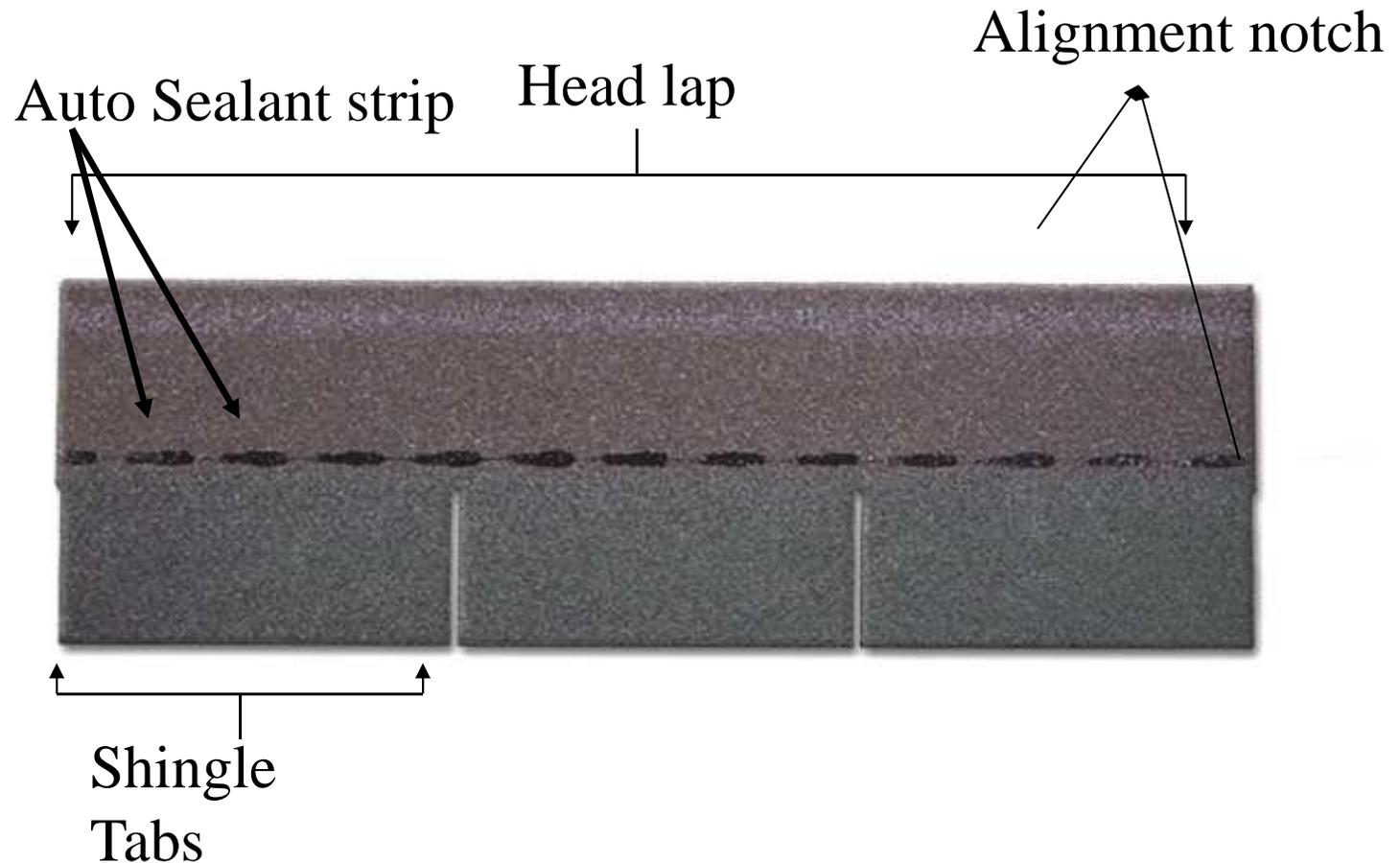
Granules (various colors)

- Shield the asphalt coating against sun's rays (UV rays)
- Add color to the product
- Provide fire resistance
- Provide Algae Resistance (AR)



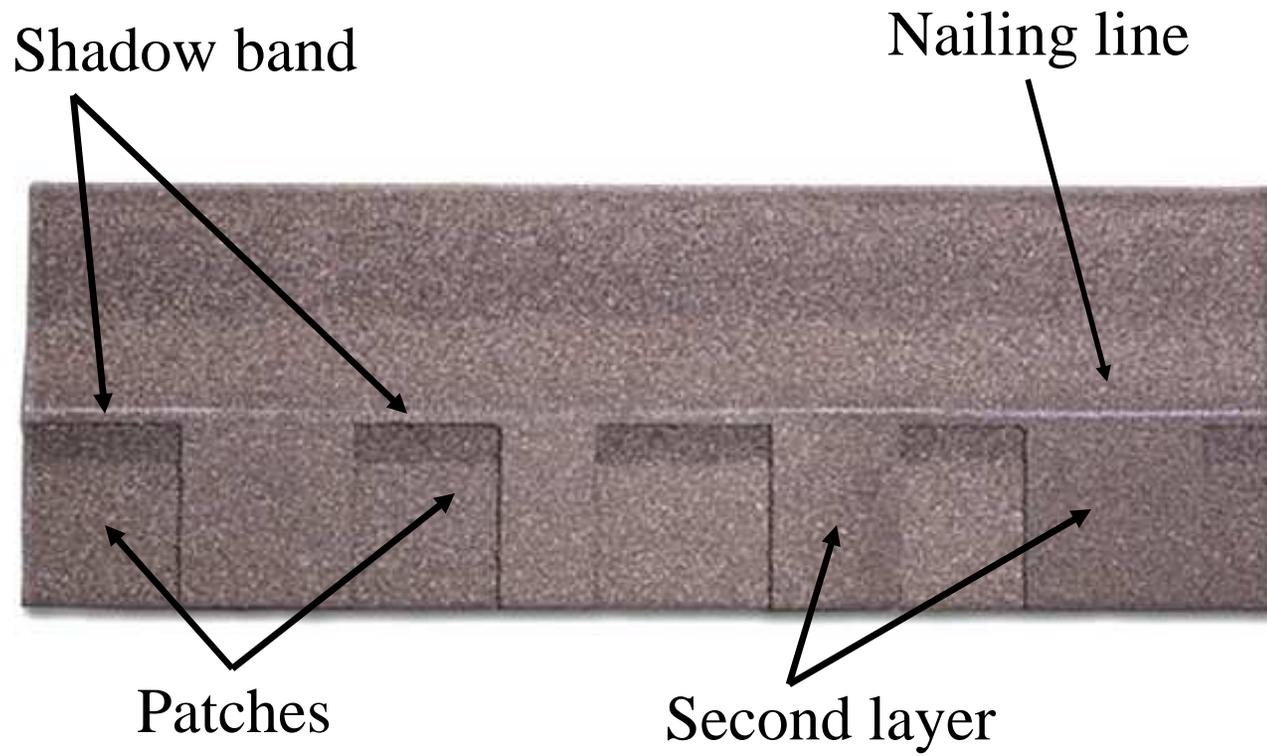


3-Tab Shingles or Traditional





Laminated Shingles



THE IKO STORY

- Family owned and operated for three generations.
- Debt-free
- One of the world's largest manufacturers and exporters of roofing products.
- Setting the standard in vertical integration, products and manufacturing facilities.





THE IKO ADVANTAGE

Asphalt Shingle Construction

1. Reinforcement

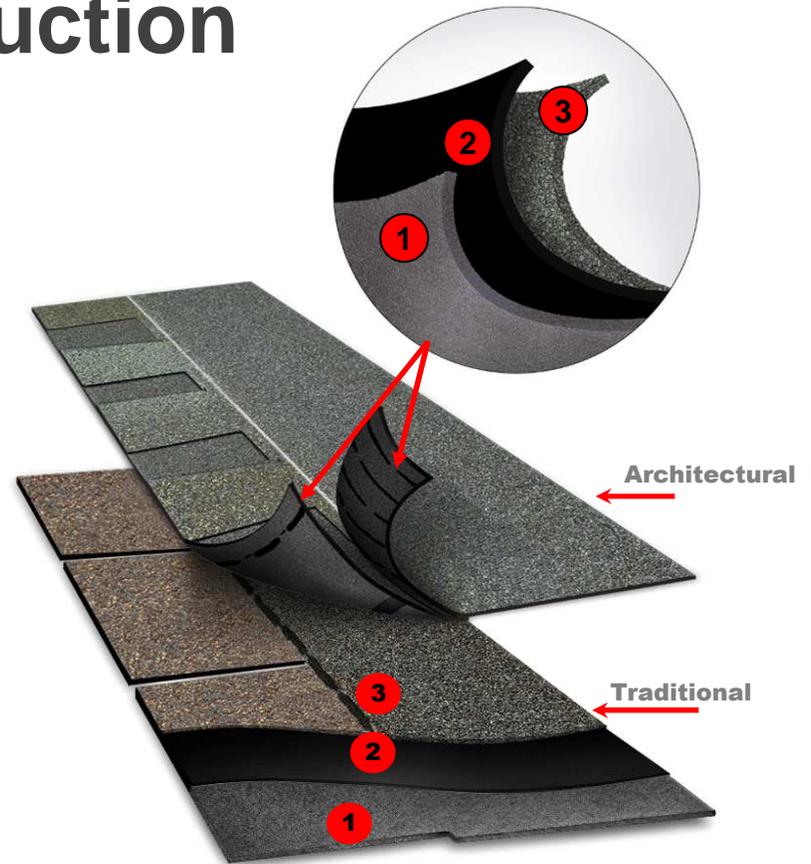
- Industry-leading heavy-weight fiberglass mat provides a stronger, more durable shingle

2. Asphalt

- One of the heaviest asphalt-based shingle on the market – up to 10% heavier than some competitive brands

3. Mineral Granules

- Manufacturing specifications so tight you can interchange shingles between our various plants





CAMBRIDGE LAMINATED

- IKO's Advantage-Sized Shingle
- Up to 10% heavier than some of our competitors
- Cambridge AR features algae-resistant granules
- Includes 3-Year IKO Iron Clad Protection
- Covered by a Limited 30 years Warranty





CAMBRIDGE LAMINATED

- Limited Wind Warranty coverage up to 115 km/h;
- Limited Wind Warranty upgrade to 125 km/h



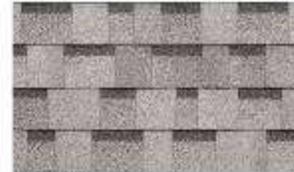
Dual Black



Charcoal Grey



Harvard Slate



Dual Grey



Dual Brown



Heatherwood



Weatherwood



Driftwood



Aged Redwood



Earthtone Cedar



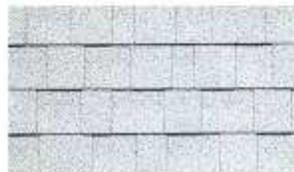
Riviera Red



Forest Green



National Blue



Super White



MARATHON ULTRA AR 3-TAB SHINGLES

- Features an algae-resistant granule
- Includes 3-Year IKO Iron Clad Protection
- Covered by a Limited 30-Year Warranty
- Limited Wind Warranty coverage up to 100 km/h





MARATHON 25 AR & 20 3-TAB SHINGLES

- Marathon 25 AR features algae-resistant granule
- Includes 3-Year IKO Iron Clad Protection
- Covered by a Limited 25 & 20 Years Warranty
- Limited Wind Warranty coverage up to 100 km/h



THE IKO ADVANTAGE

Asphalt Shingle Construction

1. Reinforcement

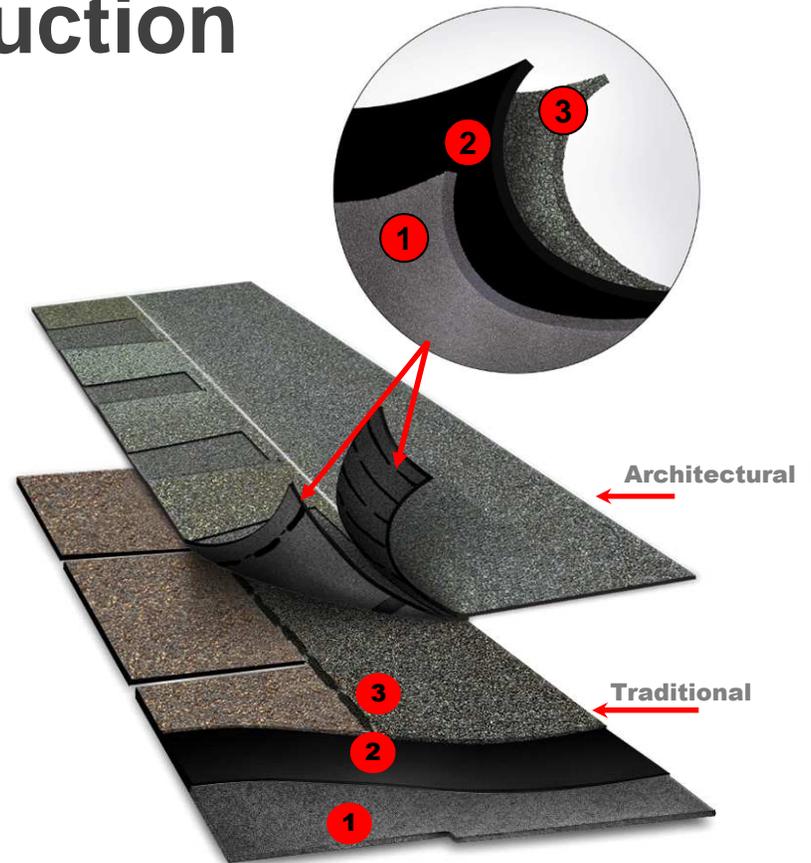
- Industry-leading heavy-weight fiberglass mat provides a stronger, more durable shingle

2. Asphalt

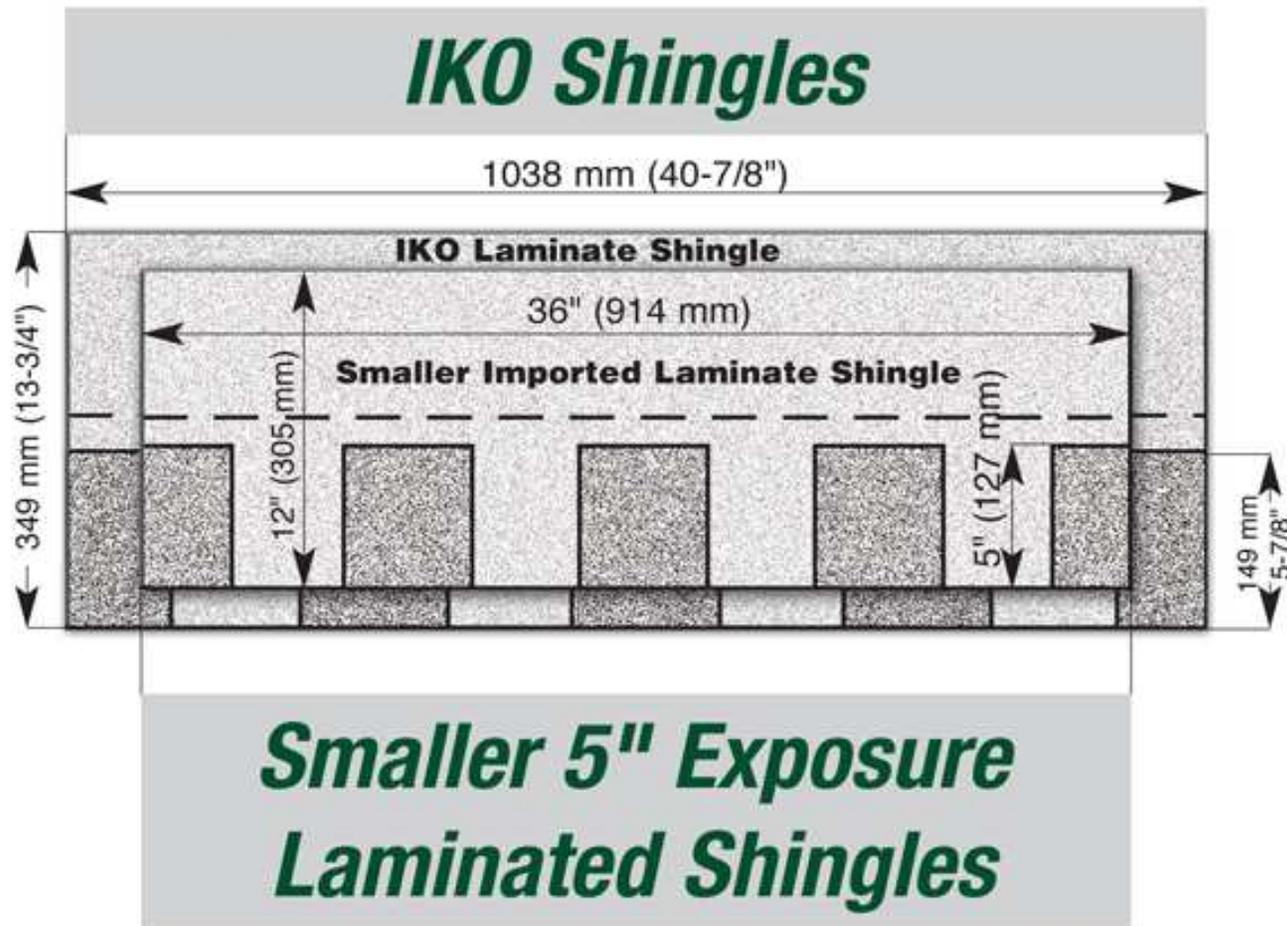
- One of the heaviest asphalt-based shingle on the market – up to 10% heavier than some competitive brands

3. Mineral Granules

- Manufacturing specifications so tight you can interchange shingles between our various plants



IKO Cambridge size advantage





Competidor

20 tejas IKO Cambridge versus 20 tejas laminadas de la competencia

Savings with IKO

Laminate IKO CAMBRIDGE AR			
Savings in Material and Labor			
Area in	# Shingles	# Nails	# hours
Mtr 2			Labor
9.3	20	60	20 min
140	300	1200	5 hours
280	600	2400	10 hours



Savings 33% in Shingles, nails and labour





THE IKO INSTALLATION ADVANTAGE

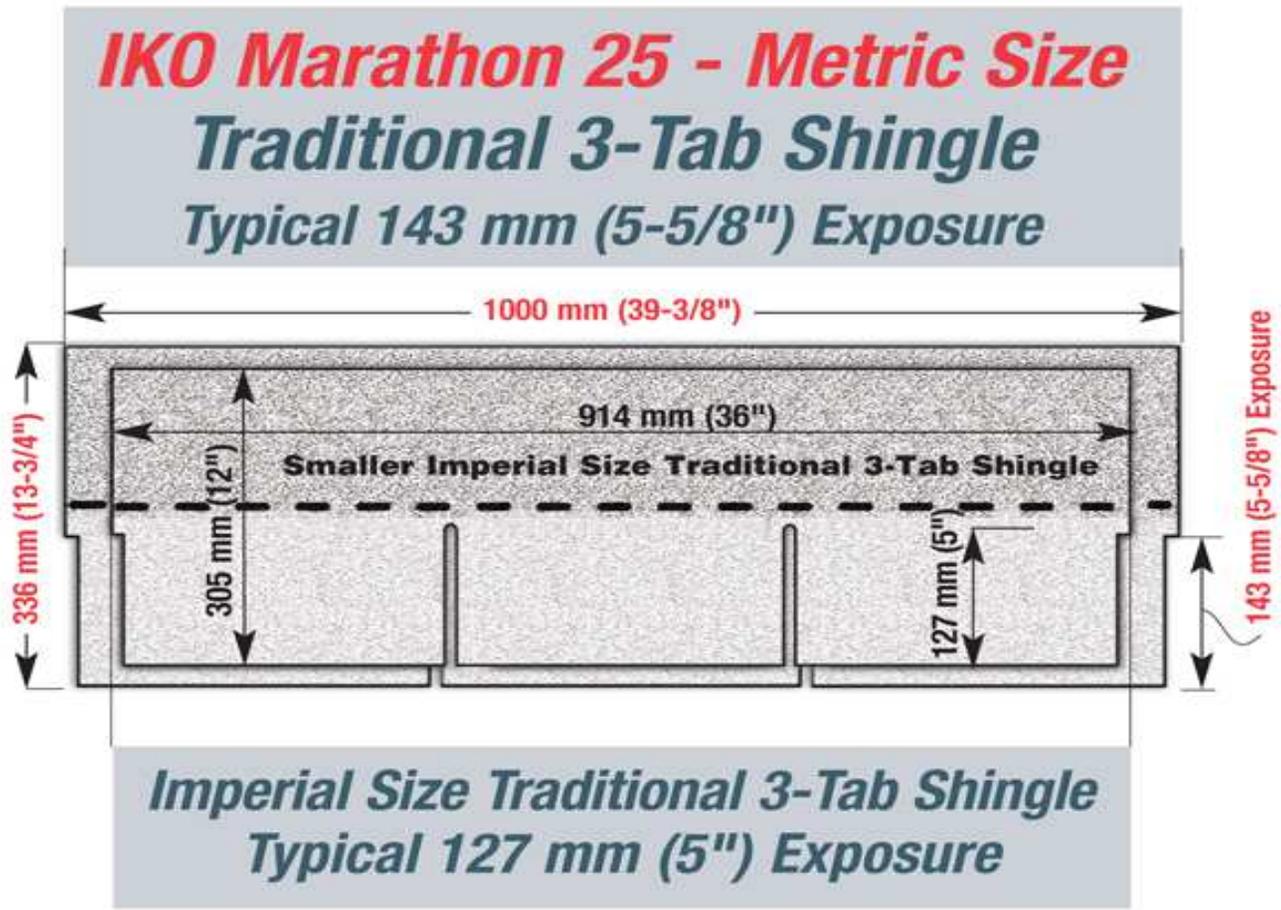
IKO's Shingle **Coverage** Is Also

A Competitive **Advantage**

Brand	Product	Coverage/ 3 Bundles	1 Extra Bundle Needed For Every 'X' Squares
IKO	Cambridge	100 sq.ft.	x = 0
Certainteed	Landmark	96.88 sq.ft.	x = 10 2/3
GAF	Timberline HD & Timberline Natural	98.44 sq.ft.	x = 21 1/3
Owens Corning	Oakridge & Duration	98.44 sq.ft.	x = 21 1/3
TAMKO	Heritage	98.52 sq.ft.	x = 21 1/3
TAMKO	Heritage (M)	98.44 sq.ft.	x = 22 1/2



IKO Marathon size advantage



Savings with IKO

3-Tab IKO Armour Plus, MARATHON			
Savings on Material and Labour			
Area in	# Shingles	# Nails	# hours
Mtr2			Labor
9.3	15	60	15 min
140	225	900	3.5 hours
280	450	1800	7 hours



Saving 23% in Shingles, nails and labour



Strong sealant strip

Our modified bitumen sealant strip is formulated to be thicker and more aggressive to ensure immediate bond and extraordinary performance.





Asphalt back coating

IKO believes that back coating adds to the overall asphalt content of the shingle which ensures long term weatherability and performance of our products.





Wider nail lines

Wider nail lines have been introduced to help installers easily identify the “nailing line”





Asphalt shingles and their advantages





- Adaptable to any surface, flat or curved, allowing any roof design



Europe





WHY IKO?

- Sustainability: IKO's zero debt and vertical integration makes us one of the most sustainable roofing programs in the industry with the highest quality
- Quality: warranty for our vertical integrations and better raw materials.
- Shingle Weight: One of the heaviest laminates available in its class in the marketplace.
- Shingle Size: IKO's larger-than-metric "Advantage-Sized" shingles help contractors improve profitability through a reduction in material and labor costs.
- With distributors located over 100 countries, you can be assured of our dedication and commitment with our international markets



Thank you for your attention.

