Capital Markets

INDEX LINKED NOTE | **RBC STRUCTURED NOTES GROUP**

# RBC Principal Protected Solactive Canada Blue Chip II AR Index Linked Autocallable 5.50% LEOS® (CAD), Series 121

| 7 year term | 100% Principal Protection at Maturity | Autocallable annually at the end of Year 2 |
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**Interest Payment if Note is Autocalled**

Year 2: 11.00% | Year 3: 16.50% | Year 4: 22.00% | Year 5: 27.50% | Year 6: 33.00% | Year 7: 38.50%

This Note is a 7 year investment designed to provide exposure to the adjusted returns of the Solactive Canada Blue Chip II AR Index. Investors will receive the Interest Payment in addition to the Autocall Redemption Amount should an Autocall Redemption Event occur and will receive their full principal amount at maturity should an Autocall Redemption Event not previously occur. The principal amount is guaranteed by RBC on the maturity date of February 25, 2032.

**Offering Closes**
February 19, 2025

**Issue Date**
February 26, 2025

**Maturity Date**
February 25, 2032

**Fundserv**
RBC12348

**Website**
www.rbcnotes.com

The deposit notes are not insured under the *Canada Deposit Insurance Corporation Act*.

The Notes are not conventional notes or debt securities. For the various risks associated with such an investment, please see the Risk Factors section of the Information Statement.

## INVESTMENT HIGHLIGHTS

**Issuer:** Royal Bank of Canada

**Currency:** CAD

**Term:** Approximately 7.0 years

**Underlying Index:** Return on the Notes will be determined by reference to the adjusted returns of the Solactive Canada Blue Chip II AR Index (the "**Underlying Index**") on the Initial Valuation Date and the Observation Dates, including the Final Valuation Date. The Underlying Index is an adjusted return index that aims to track the gross total return performance of the Solactive Canada Blue Chip II GTR Index (the "**Target Index**"), subject to a reduction of a synthetic dividend of 95 index points per annum calculated monthly in arrears (the "**Adjusted Return Factor**"). **For the avoidance of doubt, the return on the Notes is linked to the Underlying Index and is not linked to the Target Index.** The Notes do not represent an interest in the Underlying Index, the Target Index or in the securities of the entities that comprise the Target Index, and holders will have no right or entitlement to such securities including, without limitation, redemption rights (if any), voting rights or rights to receive dividends or other distributions paid on such securities. As of January 24, 2025, the annual dividend yield on the Target Index was 5.5830%, representing an aggregate dividend yield of approximately 46.271% compounded annually over the term of the Notes, on the assumption that the dividend yield remains constant.

The Underlying Index closing level on January 24, 2025 was 1,638.20.

The Adjusted Return Factor divided by the closing level of the Underlying Index was therefore equal to 5.7990% on January 24, 2025. If an Autocall Redemption Event does not occur, over the term of the Notes, the sum of the Adjusted Return Factor will be approximately 665 index points, representing 40.5933% of the closing level of the Underlying Index on January 24, 2025 (assuming the Target Index closing level remains constant).

**Autocall Redemption Event:** An "**Autocall Redemption Event**" will occur if the Percentage Change on an Observation Date is greater than or equal to 5.00%. On the next succeeding Interest Payment Date following the occurrence of an Autocall Redemption Event (the "**Autocall Redemption Date**"), the Notes will be redeemed for an amount equal to the Principal Amount thereof (the "**Autocall Redemption Amount**").

If an Autocall Redemption Event occurs, in addition to the Autocall Redemption Amount, an interest payment (the "**Interest Payment**") on the Notes will be payable on the next succeeding Autocall Redemption Date, in arrears, as follows:

(a) if an Autocall Redemption Event occurs on the first Observation Date, the Interest Payment payable per Note will be equal to the sum of (i) $11.00 and (ii) if the Percentage Change exceeds 11.00%, 10.00% × ($100.00 × Percentage Change - $11.00);

## INVESTMENT HIGHLIGHTS - CONTINUED

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| | (b) if an Autocall Redemption Event occurs on the second Observation Date, the Interest Payment payable per Note will be equal to the sum of (i) \$16.50 and (ii) if the Percentage Change exceeds 16.50%, 10.00% × (\$100.00 × Percentage Change - \$16.50);<br>(c) if an Autocall Redemption Event occurs on the third Observation Date, the Interest Payment payable per Note will be equal to the sum of (i) \$22.00 and (ii) if the Percentage Change exceeds 22.00%, 10.00% × (\$100.00 × Percentage Change - \$22.00);<br>(d) if an Autocall Redemption Event occurs on the fourth Observation Date, the Interest Payment payable per Note will be equal to the sum of (i) \$27.50 and (ii) if the Percentage Change exceeds 27.50%, 10.00% × (\$100.00 × Percentage Change - \$27.50);<br>(e) if an Autocall Redemption Event occurs on the fifth Observation Date, the Interest Payment payable per Note will be equal to the sum of (i) \$33.00 and (ii) if the Percentage Change exceeds 33.00%, 10.00% × (\$100.00 × Percentage Change - \$33.00); or<br>(f) if an Autocall Redemption Event occurs on the Final Valuation Date, the Interest Payment payable per Note on the Maturity Date will be equal to the sum of (i) \$38.50 and (ii) if the Percentage Change exceeds 38.50%, 10.00% × (\$100.00 × Percentage Change - \$38.50).<br>If an Autocall Redemption Event does not occur on an Observation Date, no Interest Payment will be payable on the Notes on the next succeeding Autocall Redemption Date.<br>For certainty, the first Observation Date falls 24 months into the term of the Notes and thus an Autocall Redemption Event cannot occur during the first year that the Notes are outstanding. |
| **Credit Rating:** | 100% principal protection guaranteed by RBC at maturity. RBC is rated Aa1 by Moody's, AA- by Standard and Poor's and AA by DBRS. |
| **Secondary Market:** | The Notes are tradeable in a daily secondary market, subject to availability, which RBC Capital Markets will use reasonable efforts to provide as outlined in the Information Statement. An early trading charge may apply (initially 3.00%, reducing to 0% after 120 days). Proceeds on sale may be less than the \$100 Principal Amount. |
| **Eligibility for Investment:** | RRSPs, RRIFs, TFSAs, FHSAs, RDSPs, RESPs and DPSPs. |

## SAMPLE CALCULATIONS OF THE AMOUNTS PAYABLE OVER THE TERM OF THE NOTES

The examples set out below are included for illustration purposes only. The levels of the Underlying Index used to illustrate the calculation of the amounts payable, including the Final Redemption Amount or Autocall Redemption Amount and the Interest Payment, over the term of the Notes are not estimates or forecasts of the level of the Underlying Index on which the Base Level and Settlement Level or the calculation of the Percentage Change, and in turn the Final Redemption Amount, Autocall Redemption Amount and Interest Payment, if any, will depend. All examples assume an aggregate principal amount of $10,000.00, that a Noteholder holds the Notes until the Notes are automatically called or until maturity if the Notes are not automatically called and that no Extraordinary Event has occurred.

**Example #1 — Hypothetical calculation of the amounts payable where the Percentage Change is below 5.00% on each Observation Date.** It is assumed that the Base Level of the Underlying Index is 1,638.20 and the Settlement Level of the Underlying Index on the Final Valuation Date is 1,146.74 (hypothetical). The amounts payable would be calculated as follows:

Base Level = 1,638.20

Settlement Level on the Final Valuation Date = 1,146.74

Percentage Change on the Final Valuation Date = (1,146.74 - 1,638.20) / 1,638.20 = -0.30000 or -30.000%

In this scenario, it is assumed that there is no Observation Date on which the Percentage Change is greater than or equal to 5.00% and, accordingly, the Notes would not be redeemed.

### i) Interest Payment

In this example, no Autocall Redemption Event would occur because the Percentage Change on each Observation Date, including the Final Valuation Date, is below 5.00%.

Therefore, an Interest Payment would not be payable on any Interest Payment Date.

### ii) Final Redemption Amount

The Final Redemption Amount per Note is equal to $100.00.

Therefore, the total amounts payable from the Issue Date to the Maturity Date are:

(a) Interest Payment: $0.00

(b) Final Redemption Amount: $10,000.00

(c) Total amount paid over the term of the Notes: $10,000.00

The equivalent annually compounded rate of return in this example is 0.00%.

**Example #2 — Hypothetical calculation of the amounts payable where the Percentage Change is greater than or equal to 5.00% on the first Observation Date.** It is assumed that the Base Level of the Underlying Index is 1,638.20 and the Settlement Level of the Underlying Index on the first Observation Date is 2,129.66 (hypothetical). The amounts payable would be calculated as follows:

Base Level = 1,638.20

Settlement Level on the first Observation Date = 2,129.66

Percentage Change on the first Observation Date = (2,129.66 - 1,638.20) / 1,638.20 = 0.30000 or 30.000%

In this scenario, it is assumed that the Percentage Change is greater than or equal to 5.00% on the first Observation Date, which falls 24 months into the term of the Notes. This would constitute an Autocall Redemption Event and an Interest Payment would be payable on the next succeeding Interest Payment Date.

### i) Interest Payment

In this example, there is an Autocall Redemption Event on the first Observation Date. Therefore, the Interest Payment payable per Note on the Autocall Redemption Date would be equal to the sum of (i) $11.00 and (ii) 10.00% × ($100.00 × Percentage Change - $11.00).

Percentage Change on the first Observation Date = 30.000%

Since the Percentage Change is greater than 11.00%, the Interest Payment per Note is calculated as follows:

Interest Payment per Note = $11.00 + [10.00% × ($100.00 × 30.000% - $11.00)] = $12.90

### ii) Autocall Redemption Amount

The Autocall Redemption Amount per Note is equal to $100.00.

Therefore, the total amounts payable from the Issue Date to the Autocall Redemption Date are:

a) Interest Payment: $1,290.00

b) Autocall Redemption Amount: $10,000.00

c) Total amount paid over the term of the Notes: $11,290.00

The equivalent annually compounded rate of return in this example is 6.25%.

**Example #3 — Hypothetical calculation of the amounts payable where the Percentage Change is below 5.00% on the first through fifth Observation Dates but is greater than or equal to 5.00% on the Final Valuation Date.** It is assumed that the Base Level of the Underlying Index is 1,638.20 and the Settlement Level of the Underlying Index on the Final Valuation Date is 1,802.02 (hypothetical). The amounts payable would be calculated as follows:

Base Level = 1,638.20

Settlement Level on the Final Valuation Date = 1,802.02

Percentage Change on the Final Valuation Date = (1,802.02 - 1,638.20) / 1,638.20 = 0.10000 or 10.000%

In this scenario, it is assumed that the Percentage Change is below 5.00% on the first through fifth Observation Dates but is greater than or equal to 5.00% on the Final Valuation Date (being the final Observation Date). This would constitute an Autocall Redemption Event and an Interest Payment would be payable on the Maturity Date (being the final Interest Payment Date).

### i) Interest Payment

In this example, there is an Autocall Redemption Event on the Final Valuation Date. On the first, second, third, fourth, and fifth Observation Dates, no Autocall Redemption Event would occur because it is assumed that the Percentage Change at each such Observation Date is below 5.00%. Therefore, the Interest Payment payable per Note on the Maturity Date would be calculated as follows:

Percentage Change on the Final Valuation Date = 10.000%

Since the Percentage Change is less than 38.50%, the Interest Payment per Note is $38.50.

### ii) Autocall Redemption Amount

The Autocall Redemption Amount per Note is equal to $100.00.

Therefore, the total amounts payable from the Issue Date to the Autocall Redemption Date are:

(a) Interest Payment: $3,850.00

(b) Autocall Redemption Amount: $10,000.00

(c) Total amount paid over the term of the Notes: $13,850.00

The equivalent annually compounded rate of return in this example is 4.76%.